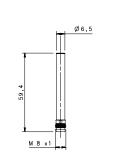
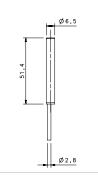
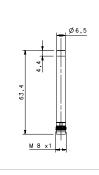
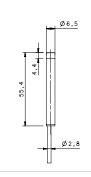
BASIC M6.5





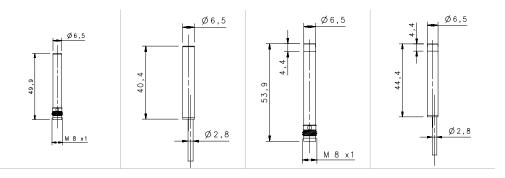






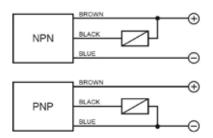
				STANDARD				
				- FLUSH		NON FLUSH		
				M8 conn	cable	M8 conn	cable	
IOMINAL SWITC	HING DISTAN	ICE		1,5 mm	1,5 mm	2 mm	2 mm	
10-30 Vdc	PNP/NPN NO-NC	4 wires	order No.					
10-30 Vdc	PNP N0	3 wires		IS-65-A1-S1	IS-65-A1-03	IS-65-C1-S1	IS-65-C1-03	
10-30 Vdc	PNP	3 wires	order No.	95B066050 IS-65-A2-S1	95B064730 IS-65-A2-03	95B066210 IS-65-C2-S1	95B064890 IS-65-C2-03	
10-30 VUC	NC NPN	5 WILES	order No.	95B066090 IS-65-A3-S1	95B064770 IS-65-A3-03	95B066250 IS-65-C3-S1	95B066300 IS-65-C3-03	
10-30 Vdc	NO NO	3 wires	order No.	95B064970	95B064650	95B066130	95B064810	
10-30 Vdc	NPN NC	3 wires	order No.	IS-65-A4-S1 95B066010	IS-65-A4-03 95B064690	IS-65-C4-S1 95B066170	IS-65-C4-03 95B064850	
10-30 Vdc	PNP NO-NC	4 wires	order No.					
10-30 Vdc	NPN	4 wires	order No.					
	NO-NC		order No.					
10-30 Vdc	NO-NC	2 wires	order No.					
20-250 Vac/Vdc	NO	2 wires	order No.					
20-250 Vac/Vdc	NC	2 wires						
20-250 Vac	NO	2/3 wires	order No.					
	Analog 0-20		order No.					
10-30 Vdc	mA	3 wires	order No.					
NAMUR amplifier	NAMUR	2 wires	order No.					
Nominal Voltage				10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	
Residual Ripple				< 10%	< 10%	< 10%	< 10%	

Nominal Voltage	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
Residual Ripple	< 10%	< 10%	< 10%	< 10%
Hysteresis	< 10%	< 10%	< 10%	< 10%
Max. Output Current	200 mm	200 mA	200 mm	200 mA
Min. Output Current				
Residual Current	< 1,6 mA	< 1,6 mA	< 1,6 mA	< 1,6 mA
Voltage Drop	< 1,2 V (I=100 mA)	< 1,2 V (I=100 mA)	< 1,2 V (I=100 mA)	< 1,2 V (I=100 mA)
Operation Led	Yellow	Yellow	Yellow	Yellow
Switching Frequency	1000 Hz	1000 Hz	1000 Hz	1000 Hz
Start Up Delay	< 50 ms	< 50 ms	< 50 ms	< 50 ms
Repeatability	< 3%	< 3%	< 3%	< 3%
Short Circuit Protection	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)	Present (self-resetting
Electric Protection	Against polarity reversal inductive loads	Against polarity reversal inductive loads	Against polarity reversal inductive loads	Against polarity reversa
Temperature Limit	(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)
Protection Degree	IP67	IP67	IP67	IP67
Cable Length		2 m		2 m
Cable Section		3x 0,14 mm ²		3x 0,14 mm ²
Housing Material	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass
Active Face	LCP	LCP	LCP	LCP
Tightening torque				
Weight - Cable Output		80 g		80 g
Weight - Connector Output	40 g		40 g	

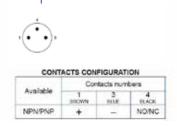


	SH	ORT			
FLI		NON FLUSH			
M8 conn	cable	M8 conn	cable		
1,5 mm	1,5 mm	2 mm	2 mm		
 IC /F D1 C1	 IC /F D1 02				
IS-65-B1-S1	IS-65-B1-03	IS-65-D1-S1	IS-65-D1-03		
95B066070	95B064750	95B066230	95B064910		
IS-65-B2-S1	IS-65-B2-03	IS-65-D2-S1	IS-65-D2-03		
95B066110	95B064790	95B066270	95B064950		
IS-65-B3-S1	IS-65-B3-03	IS-65-D3-S1	IS-65-D3-03		
95B064990	95B064670	95B066150	95B064830		
IS-65-B4-S1	IS-65-B4-03	IS-65-D4-S1	IS-65-D4-03		
95B066030	95B064710	95B066190	95B066190		
10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)		
< 10%	< 10%	< 10%	< 10%		
< 10%	< 10%	< 10%	< 10%		
200 mA	200 mA	200 mA	200 mA		
< 10 mA	< 10 mA	< 10 mA	< 10 mA		
< 1,2 V (I=100mA)					
Yellow	Yellow	Yellow	Yellow		
1000 Hz	1000 Hz	1000 Hz	1000 Hz		
< 50 ms	< 50 ms	< 50 ms	< 50 ms		
< 3%	< 3%	< 3%	< 3%		
Present (self-resetting)	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)		
Against polarity reversal	Against polarity reversal	Against polarity reversal	Against polarity reversal		
inductive loads	inductive loads	inductive loads	inductive loads		
(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)		
IP67	IP67	IP67	IP67		
	2 m		2 m		
	3 x 0,14 mm ²		3 x 0,14 mm ²		
Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass		
LCP	LCP	LCP	LCP		
	80 g		80 g		
40 g		40 g			
40 g		40 g			

3 wires PNP or NPN

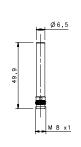


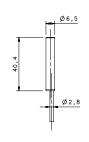
M8 3 pole



BASIC M6.5







				SHUI	RT X2
				FLU	
				M8 conn	cable
NOMINAL SWITCH	HING DISTAN	NCE		2 mm	2 mm
10-30 Vdc	PNP/NPN	4 wires			
10-30 VuC	NO-NC	4 WII es	order No.		
10-30 Vdc	PNP	3 wires		IS-65-G1-S1	IS-65-G1-03
10-30 vuc	N0	3 WIIES	order No.	95B066060	95B064740
10-30 Vdc	PNP	3 wires		IS-65-G2-S1	IS-65-G2-03
10-30 vuc	NC	3 WII es	order No.	95B066100	95B064780
10-30 Vdc	NPN 3 w	3 wires		IS-65-G3-S1	IS-65-G3-03
10-30 vuc	NO 3 WI	3 WIIES	order No.	95B064980	95B064660
10-30 Vdc	NPN NC 3 wi	3 wires		IS-65-G4-S1	IS-65-G4-03
10-30 vac		3 WII es	order No.	95B066020	95B064700
10-30 Vdc	PNP	4 wires			
10-30 VUC	NO-NC	4 WITES	order No.		
10-30 Vdc	NPN	4 wires			
10-30 Vuc	NO-NC	IC 4 WITES	order No.		
10-30 Vdc	NO-NC	2 wires			
10-30 vac	INO-INC	2 WIIES	order No.		
20-250 Vac/Vdc	NO	2 wires			
20-230 Vac/Vuc	INU	2 WII es	order No.		
20-250 Vac/Vdc	NC	2 wires			
20-230 Vac/Vuc	INC	2 WITES	order No.		
20-250 Vac	NO	2/3 wires			
20-250 Vac	NO	Z/3 WIFES	order No.		
10-30 Vdc	Analog 0-20	3 wires			
10-30 Vac	mA	3 WITES	order No.		
NAMUR amplifier	NAMUR	2 wires			
NAMOR ampuller	NAMOR	2 Wiles	order No.		
Nominal Voltage				10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
Residual Ripple				< 10%	< 10%
Hysteresis				<10%	< 10%
Max. Output Current				200 mA	200 mA
Min. Output Current					200 HIA
Residual Current				< 10 mA	< 10 mA
Voltage Drop				< 1,2 V (I=100mA)	< 1,2 V (I=100mA)
Operation Led				Yellow	Yellow
Switching Frequency	v			500 Hz	500 Hz
Start Up Delay	,			< 75 ms	< 75 ms
Repeatability				< 3%	< 3%
Short Circuit Protec	tion			Present (self-resetting)	Present (self-resetting)
Electric Protection				Against polarity reversal inductive loads	Against polarity reversal inductive loads
Tampanetura Lin-it					
Temperature Limit				(-25 +70 °C) IP67	(-25 +70 °C) IP67
Protection Degree					
Cable Length					2 m
Cable Section					3 x 0,14 mm ²
Housing Material				Nickel-plated brass	Nickel-plated brass

LCP

40 g

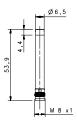
LCP

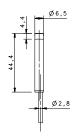
80 g

Active face

Tightening torque

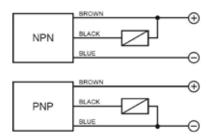
Weight - Cable Output Weight - Connector Output



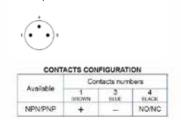


SHORT X 2						
NON FLUSH						
M8 conn	cable					
3 mm	3 mm					
IS-65-H1-S1	IS-65-H1-03					
95B066220	95B064900					
IS-65-H2-S1	IS-65-H2-03					
95B066260	95B064940					
IS-65-H3-S1	IS-65-H3-03					
95B066140	95B064820					
IS-65-H4-S1	IS-65-H4-03					
95B066180	95B064860					
10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)					
< 10%	< 10%					
< 10%	< 10%					
200 mA	200 mA					
< 10 mA	< 10 mA					
< 1,2 V (I=100mA)	< 1,2 V (I=100mA)					
Yellow	Yellow					
500 Hz	500 Hz					
< 75 ms	< 75 ms					
< 3%	< 3%					
Present (self-resetting)	Present (self-resetting)					
Against polarity	Against polarity reversal					
reversal inductive loads	inductive loads					
(-25 +70 °C)	(-25 +70 °C)					
IP67	IP67					
	2 m					
	3 x 0,14 mm²					
Nickel-plated brass	Nickel-plated brass					
LCP	LCP					
	80 g					
40 g						

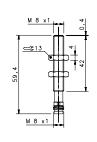
3 wires PNP or NPN

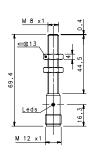


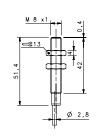
M8 3 pole



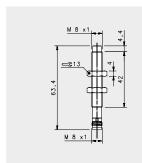


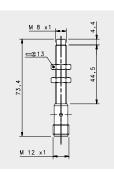


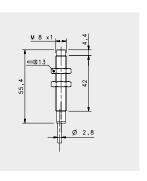




					STANDARD	
					FLUSH	
				M8 conn	M12 conn	cable
IOMINAL SWITC	HING DISTAN	ICE		1,5 mm	1,5 mm	1,5 mm
10-30 Vdc	PNP/NPN	4 wires				
	NO-NC		order No.			
10-30 Vdc	PNP	3 wires		IS-08-A1-S1	IS-08-A1-S2	IS-08-A1-03
10 00 140	N0	o wiics	order No.	95B061141	95B061131	95B061121
10-30 Vdc	PNP	3 wires		IS-08-A2-S1	IS-08-A2-S2	IS-08-A2-03
10-30 vuc	NC	J WII CS	order No.	95B061171	95B061161	95B061151
10-30 Vdc	NPN	3 wires		IS-08-A3-S1	IS-08-A3-S2	IS-08-A3-03
10-30 vac	NO 3 WIFES		order No.	95B061081	95B061071	95B061061
10 20 1/4-	NPN 2 wii			IS-08-A4-S1	IS-08-A4-S2	IS-08-A4-03
10-30 Vdc	NC	3 wires	order No.	95B061111	95B061101	95B061091
	PNP					
10-30 Vdc	NO-NC	4 wires	order No.			
	NPN					
10-30 Vdc	NO-NC	4 wires	order No.			
10-30 Vdc	NO-NC	2 wires	order No.			
			order No.			
20-250 Vac/Vdc	N0	2 wires	andan Na			
			order No.			
20-250 Vac/Vdc	NC	2 wires				
			order No.			
20-250 Vac	NO	2/3 wires				
			order No.			
10-30 Vdc	Analog 0-20	og 0-20 3 wires				
	mA	0 111100	order No.			
NAMUR amplifier	NAMUR	2 wires				
TVANOR ampuner	IVAMOR	2 WIICS	order No.			
Nominal Voltage				10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
Residual Ripple				< 10%	< 10%	< 10%
Hysteresis				< 10%	< 10%	< 10%
Max. Output Current	t			200mA	200mA	200mA
Min. Output Curren	t					
Residual Current				< 10 mA	< 10 mA	< 10 mA
Voltage Drop				< 1,2 V (I=100mA)	< 1,2 V (I=100mA)	< 1,2 V (I=100mA)
Operation Led				Yellow	Yellow	Yellow
Switching Frequenc	cv			1000 Hz	1000 Hz	1000 Hz
Start Up Delay	-,			< 50 ms	< 50 ms	< 50 ms
Repeatability				< 3%	< 3%	< 3%
Nepeulublity Short Circuit Protei	ction			Present (self-resetting)	Present (self-resetting)	Present (self-resetting)
Short Cheart Frote	Cilon					
Electric Protection				Against polarity reversal inductive loads	Against polarity reversal inductive loads	Against polarity reversal inductive loads
Temperature Limit				(-25 +70 °C)	(-25 +70 °C)	(−25 +70 °C)
Protection Degree				IP67	IP67	IP67
Cable Length						2 m
Cable Section						3x 0,14 mm ²
Housing Material				Nickel-plated brass	Nickel-plated brass	Nickel-plated brass
Active face				LCP	LCP	LCP
Tightening torque				* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catal
Weight - Cable Outp	ut			page 5 5. a.sauctive serisors suitateg	page c c. a.eadetive cerisors datatog	80 g
Weight - Connector				354	554	
meight - connector	output			35g	55g	

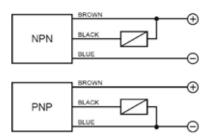






	STANDARD	
	NON FLUSH	
M8 conn	M12 conn	cable
2 mm	2 mm	2 mm
IS-08-C1-S1	IS-08-C1-S2	IS-08-C1-03
95B061541	95B061531	95B061521
IS-08-C2-S1	IS-08-C2-S2	IS-08-C2-03
95B061571	95B061561	95B061551
IS-08-C3-S1	IS-08-C3-S2	IS-08-C3-03
95B061481	95B061471	95B066410
IS-08-C4-S1	IS-08-C4-S2	IS-08-C4-03
95B061511	95B061501	95B066450
10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
< 10%	< 10%	< 10%
< 10%	< 10%	< 10%
200mA 	200mA 	200mA
< 10 mA	< 10 mA < 1,2 V (I=100mA)	< 10 mA
< 1,2 V (I=100mA) Yellow	< 1,2 V (I=100MA) Yellow	< 1,2 V (I=100mA) Yellow
	1000 Hz	
1000 Hz < 50 ms		1000 Hz
	< 50 ms	< 50 ms
< 3%	< 3%	< 3%
Present (self-resetting)	Present (self-resetting)	Present (self-resetting)
Against polarity reversal inductive loads	Against polarity reversal inductive loads	Against polarity reversal inductive loads
(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)
IP67	IP67	IP67
		2 m
		3x 0,14 mm²
Nickel-plated brass	Nickel-plated brass	Nickel-plated brass
LCP	LCP	LCP
see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalo
		80 g

3 wires PNP or NPN



M123 pole



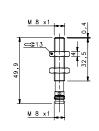
	ONTACTS	CONFIGU	RATION	
Available		Contacts	numbers	
Available	1	2	3	4
(NO or NC)	+		777	NOING

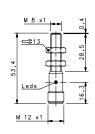
M8 3 pole

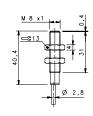


CONT	ACTS CON	FIGURAT	ION	
27.002.0	Contacts numbers			
Available	1 BROWN	3 HUE	HACK	
NPN/PNP	+	=	NONC	

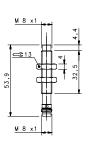


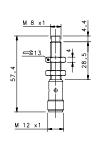


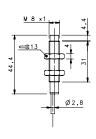




					SHORT	
					FLUSH	
				M8 conn	M12 conn	cable
OMINAL SWITC	HING DISTAN	ICE		1,5 mm	1,5 mm	1,5 mm
10-30 Vdc	PNP/NPN	4 wires				
10-30 vuc	NO-NC	4 WITES	order No.			
10-30 Vdc	PNP	3 wires		IS-08-B1-S1	IS-08-B1-S2	IS-08-B1-03
10-30 Vac	N0	3 WII es	order No.	95B066860	95B066590	95B061921
10-30 Vdc	PNP	3 wires		IS-08-B2-S1	IS-08-B2-S2	IS-08-B2-03
0-30 vuc	NC	3 WIIES	order No.	95B066890	95B066620	95B061951
0-30 Vdc	NPN	3 wires		IS-08-B3-S1	IS-08-B3-S2	IS-08-B3-03
0-30 vac	N0	NO 3 Wires		95B066810	95B066530	95B061861
0.20.1/45	NPN 2 wires			IS-08-B4-S1	IS-08-B4-S2	IS-08-B4-03
0-30 Vdc	NC	3 wires	order No.	95B066830	95B066560	95B061891
0.201/4-	PNP	/				
0-30 Vdc	NO-NC	4 wires	order No.			
0.30.1/4-	NPN	/i				
0-30 Vdc	NO-NC	4 wires	order No.			
0.001/1	NO NO					
0-30 Vdc	NO-NC	2 wires	order No.			
20-250 Vac/Vdc	NO	2 wires	order No.			
0-250 Vac/Vdc	NC	2 wires	order No.			
0-250 Vac	N0	2/3 wires	order No.			
	Analog 0-20					
0-30 Vdc	mA	3 wires	order No.			
NAMUR amplifier	NAMUR	2 wires	order No.			
Iominal Voltage				10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
Residual Ripple				< 10%	< 10%	< 10%
lysteresis				< 10%	< 10%	< 10%
, Max. Output Current				200mA	200mA	200mA
Min. Output Current						
Residual Current	·			< 10 mA	< 10 mA	< 10 mA
/oltage Drop				< 1,2 V (I=100mA)	< 1,2 V (I=100mA)	< 1,2 V (I=100mA)
peration Led				Yellow	Yellow	Yellow
Switching Frequenc	·v			1000 Hz	1000 Hz	1000 Hz
Start Up Delay	,			< 50 ms	< 50 ms	< 50 ms
Repeatability				< 3%	< 3%	< 3%
Repeatablity Short Circuit Protec	ction			Present (self-resetting)	Present (self-resetting)	Present (self-resetting)
Electric Protection				Against polarity reversal inductive loads	Against polarity reversal inductive loads	Against polarity reversal inductive loads
Temperature Limit				(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)
Temperature Limit				IP67	IP67	(-25 +70 C) IP67
Protection Nonroe						2 m
Cable Length				_	_	
Cable Length Cable Section				Nickal plated brace	Niekol plated brace	3 x 0,14 mm ²
Cable Length Cable Section Housing Material				Nickel-plated brass	Nickel-plated brass	Nickel-plated brass
Cable Length Cable Section Housing Material Active face				Nickel-plated brass LCP	Nickel-plated brass LCP	Nickel-plated brass LCP
Protection Degree Cable Length Cable Section Housing Material Active face Fightening torque Weight - Cable Outpi				Nickel-plated brass	Nickel-plated brass	Nickel-plated brass

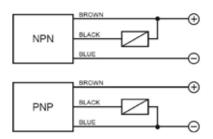






	SHORT	
	NON FLUSH	
M8 conn	M12 conn	cable
2 mm	2 mm	2 mm
IS-08-D1-S1	IS-08-D1-S2	IS-08-D1-03
95B066970	95B066700	95B062321
IS-08-D2-S1	IS-08-D2-S2	IS-08-D2-03
95B067000	95B066720	95B062351
IS-08-D3-S1	IS-08-D3-S2	IS-08-D3-03
95B066920	95B066650	95B066430
IS-08-D4-S1	IS-08-D4-S2	IS-08-D4-03
95B066940	95B066670	95B062291
10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
< 10%	< 10%	< 10%
< 10%	< 10%	< 10%
200mA	200mA	200mA
	< 10 mA	
< 10 mA		< 10 mA
< 1,2 V (I=100mA)	< 1,2 V (I=100mA)	< 1,2 V (I=100mA)
Yellow 1000 Hz	Yellow 1000 Hz	Yellow 1000 Hz
< 50 ms	< 50 ms	< 50 ms
< 3%		
	< 3%	< 3%
Present (self-resetting)	Present (self-resetting)	Present (self-resetting)
Against polarity reversal inductive loads	Against polarity reversal inductive loads	Against polarity reversal inductive loads
(-25 +70 °C) IP67	(-25 +70 °C) IP67	(-25 +70 °C) IP67
1P6/	IP6/	2 m
		3 x 0,14 mm ²
		Nickel-plated brass
Nickel-plated brass LCP	Nickel-plated brass LCP	LCP
see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalo
see page 5 of the inductive sensor's catalog	see page 3 of the inductive sensors calalog	
	55a	80 g

3 wires PNP or NPN



M123 pole



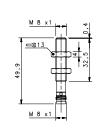
SWANNERS OF F		Contacts	numbers	
Available	1	2	3	4
(NO or NC)	+		777	NOING

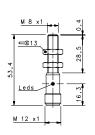
M8 3 pole

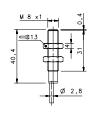


1275 2752-17	Contacts numbers			
Available	1 BROWN	3 HUE	HACK	
NPN/PNP	+	2	NO/NO	

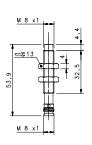


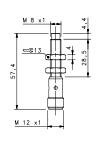


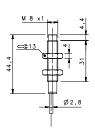




					SHORT X2	
					FLUSH	
				M8 conn	M12 conn	cable
OMINAL SWITCH	ING DISTANCE			2 mm	2 mm	2 mm
10-30 Vdc	PNP/NPN	4 wires				
0 30 vac	NO-NC	4 WIICS	order No.			
0-30 Vdc	PNP	3 wires		IS-08-G1-S1	IS-08-G1-S2	IS-08-G1-03
0-30 vuc	N0	2 MILES	order No.	95B066850	95B066580	95B066370
0.201/-	PNP	2		IS-08-G2-S1	IS-08-G2-S2	IS-08-G2-03
0-30 Vdc	NC	3 wires	order No.	95B066880	95B066610	95B066390
	NPN			IS-08-G3-S1	IS-08-G3-S2	IS-08-G3-03
0-30 Vdc	NO	3 wires	order No.	95B066800	95B066520	95B066330
	NPN			IS-08-G4-S1	IS-08-G4-S2	IS-08-G4-03
0-30 Vdc	NC	3 wires	order No.	95B063131	95B066550	95B066350
	PNP		Order 140.	735003131		
0-30 Vdc	NO-NC	4 wires	order No.			
			oruer No.			
0-30 Vdc	NPN NO-NC	4 wires	andar Na			
	INO-INC		order No.			
0-30 Vdc	NO-NC	2 wires				
			order No.			
0-250 Vac/Vdc	NO	2 wires				
200 140, 140	1.10	2 111100	order No.			
0-250 Vac/Vdc	NC	2 wires				
.0 230 vac/ vac	140	2 WIICS	order No.			
0-250 Vac	NO	2/3 wires				
.0-230 vac	140	2/3 WIICS	order No.			
0 20 1/4-	Analog 0-20	2				
0-30 Vdc	mA	3 wires	order No.			
IAAAI IDI:6	NIAMILIE	2				
IAMUR amplifier	NAMUR	2 wires	order No.			
				10.00141 (45/400)	40.001/1 (45/400)	10.00.11 (15/100/)
Nominal Voltage				10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
Residual Ripple				< 10%	< 10%	< 10%
lysteresis				< 10%	< 10%	< 10%
Aax. Output Current				200mA	200mA	200mA
lin. Output Current						
Residual Current				< 10 mA	< 10 mA	< 10 mA
oltage Drop				< 1,2 V (I=100mA)	< 1,2 V (I=100mA)	< 1,2 V (I=100mA)
peration Led				Yellow	Yellow	Yellow
witching Frequenc	y			500 Hz	500 Hz	500 Hz
itart Up Delay				< 75 ms	< 75 ms	< 75 ms
Repeatability				< 3%	< 3%	< 3%
Short Circuit Protec	tion			Present (self-resetting)	Present (self-resetting)	Present (self-resetting)
lectric Protection				Against polarity reversal	Against polarity reversal	Against polarity reversal
				inductive loads	inductive loads	inductive loads
emperature Limit				(-25 +60 °C)	(-25 +60 °C)	(-25 +70 °C)
Protection Degree				IP67	IP67	IP67
able Length						2 m
able Section						3 x 0,14 mm²
lousing Material				Nickel-plated brass	Nickel-plated brass	Nickel-plated brass
lctive face				LCP	LCP	LCP
ightening torque				* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Cata
Veight - Cable Outpu	ut					80 g



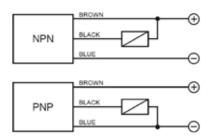




	SHORT X2	
	NON FLUSH	
M8 conn	M12 conn	cable
3 mm	3 mm	3 mm
IS-08-H1-S1	IS-08-H1-S2	IS-08-H1-03
95B066960	95B066690	95B066480
IS-08-H2-S1	IS-08-H2-S2	IS-08-H2-03
95B066990	95B063301	95B066500
IS-08-H3-S1	IS-08-H3-S2	IS-08-H3-03
95B066910	95B066640	95B066420
IS-08-H4-S1	IS-08-H4-S2	IS-08-H4-03
95B063251	95B063241	95B066460
10.20.1/4- / 15/100/)	10 20 \/-/ 15/100/\	10.20 \/d= / 15/100/\
10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
< 10%	< 10%	< 10%
< 10%	< 10%	< 10%
200mA	200mA	200mA
< 10 mA	< 10 mA	< 10 mA
< 1,2 V (I=100mA)	< 1,2 V (I=100mA)	< 1,2 V (I=100mA)
Yellow	Yellow	Yellow
500 Hz	500 Hz	500 Hz
< 75 ms	< 75 ms	< 75 ms
< 3%	< 3%	< 3%
Present (self-resetting)	Present (self-resetting)	Present (self-resetting)
Against polarity reversal inductive loads	Against polarity reversal inductive loads	Against polarity reversal inductive loads
(-25 +60 °C)	(-25 +60 °C)	(-25 +70 °C)
IP67	IP67	IP67
		2 m
		3 x 0,14 mm ²
Nickel-plated brass	Nickel-plated brass	Nickel-plated brass
LCP	LCP	LCP
see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalo
	3	80 g

55g

3 wires PNP or NPN



M123 pole



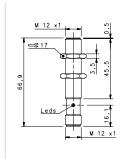
	ONTACTS	CONFIGU	RATION	
Available		Contacts	numbers	
Available	1	2	3	4
(NO or NC)	+		77.0	NOING

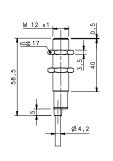
M8 3 pole

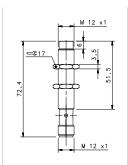


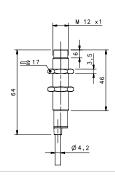
CONT	ACTS CON	FIGURAT	ION	
1200-2002-00	Contacts numbers			
Available	1 BROWN	3 HUE	HACK	
NPN/PNP	+	=	NO/NO	





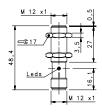


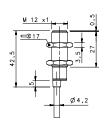


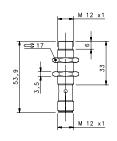


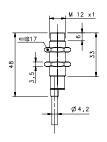
				SIANDAND			
				FLUSH NON FLUSH			FLUSH
				M12 conn	cable	M12 conn	cable
IOMINAL SWITC	HING DISTAN	ICE		2 mm	2 mm	4 mm	4 mm
10-30 Vdc	PNP/NPN	/		IS-12-A0-S2	IS-12-A0-03	IS-12-C0-S2	IS-12-C0-03
TU-3U Vac	NO-NC	4 wires	order No.	95B064060	95B064030	95B064080	95B064040
10.201/4	PNP	2		IS-12-A1-S2	IS-12-A1-03	IS-12-C1-S2	IS-12-C1-03
10-30 Vdc	NO	3 wires	order No.	95B061251	95B061241	95B061651	95B061641
10.201/-	PNP	2		IS-12-A2-S2	IS-12-A2-03	IS-12-C2-S2	IS-12-C2-03
10-30 Vdc	NC	3 wires	order No.	95B061281	95B061271	95B061681	95B061671
10-30 Vdc	NPN	2		IS-12-A3-S2	IS-12-A3-03	IS-12-C3-S2	IS-12-C3-03
10-30 Vac	N0	3 wires	order No.	95B061191	95B061181	95B061591	95B061581
10-30 Vdc	NPN	3 wires		IS-12-A4-S2	IS-12-A4-03	IS-12-C4-S2	IS-12-C4-03
10-30 Vac	NC	3 wires	order No.	95B061221	95B061211	95B061621	95B061611
10-30 Vdc	PNP	4 wires					
10-30 Vac	NO-NC	4 WITES	order No.				
10-30 Vdc	NPN	4 wires					
10-30 Vac	NO-NC	4 WITES	order No.				
10-30 Vdc	NO-NC	2 wires		IS-12-A9-S2	IS-12-A9-03	IS-12-C9-S2	IS-12-C9-03
10-30 Vac	INU-INC	2 WITES	order No.	95B063931	95B064100	95B064140	95B064110
20-250 Vac/Vdc	N0	2 wires					
20-250 Vac/Vuc	NO	2 WITES	order No.				
20-250 Vac/Vdc	NC	2 wires					
20-230 Vac/ Vac	INC	Z WIICS	order No.				
20-250 Vac	NO	2/3 wires					
20-230 Vac	140	2/3 WIICS	order No.				
10-30 Vdc	Analog 0-20	3 wires					
10 30 vuc	mA	2 MILE2	order No.				
NAMUR amplifier	NAMUR	2 wires					
NAMON ampuner	IVAINOR	2 WITES	order No.				
					I am a second and a second a second and a second a second and a second a second a second a second a second and a second a second a second a second a second a sec		1

Nominal Voltage	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
Residual Ripple	< 10%	< 10%	< 10%	< 10%
Hysteresis	< 10%	< 10%	< 10%	< 10%
Max. Output Current	200mA; 100 mA (2wires)	200mA; 100 mA (2wires)	200mA; 100 mA (2wires)	200mA; 100 mA (2wires)
Min. Output Current	> 1,6 mA (2wires)	> 1,6 mA (2wires)	> 1,6 mA (2wires)	> 1,6 mA (2wires)
Residual Current	< 10mA; < 1,6 mA (2wires)	< 10mA; < 1,6 mA (2wires)	< 10mA; < 1,6 mA (2wires)	< 10mA; < 1,6 mA (2wires)
Voltage Drop	< 1,8V; < 6,5 V (2wires)	< 1,8V; < 6,5 V (2wires)	< 1,8V; < 6,5 V (2wires)	< 1,8V; < 6,5 V (2wires)
Operation Led	Yellow	Yellow	Yellow	Yellow
Switching Frequency	1000 Hz/200 Hz (2 wires NO-NC)	1000 Hz/200 Hz (2 wires NO-NC)	1000 Hz/200 Hz (2 wires NO-NC)	1000 Hz/200 Hz (2 wires NO-NC)
Start Up Delay	< 50 ms	< 50 ms	< 50 ms	< 50 ms
Repeatability	< 3%	< 3%	< 3%	< 3%
Short Circuit Protection	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)
Electric Protection	Against polarity reversal inductive loads	Against polarity reversal inductive loads	Against polarity reversal inductive loads	Against polarity reversal inductive loads
Temperature Limit	(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)
Protection Degree	IP67	IP67	IP67	IP67
Cable Length		2 m		2 m
Cable Section		2 x 0,34 mm ² 3 x 0,14 mm ² 4 x 0,25 mm ²		2 x 0,34 mm ² 3 x 0,14 mm ² 4 x 0,25 mm ²
Housing Material	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass
Active face	LCP	LCP	LCP	LCP
Tightening torque	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog
Weight - Cable Output		110 g		110 g
Weight - Connector Output	60 g		60 g	





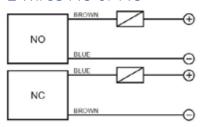




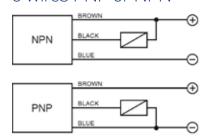
FLUSH M12 conn cable 2 mm 2 mm S-12-B1-S2 IS-12-B1-03 95B062051 95B062041 S-12-B2-S2 IS-12-B2-03 95B062081 95B062071 S-12-B3-S2 IS-12-B3-03 95B061991 95B061981 S-12-B4-S2 IS-12-B4-03 95B062021 95B062011	M12conn 4 mm IS-12-D1-S2 95B062451 IS-12-D2-S2 95B062481 IS-12-03-S2	cable 4 mm IS-12-D1-03 958062441
2 mm 2 mm S-12-B1-S2 IS-12-B1-03 95B062051 95B062041 IS-12-B2-S2 IS-12-B2-03 95B062081 95B062071 IS-12-B3-S2 IS-12-B3-03 95B061991 95B061981 IS-12-B4-S2 IS-12-B4-03	4 mm IS-12-D1-S2 95B062451 IS-12-D2-S2 95B062481	4 mm IS-12-D1-03 958062441
	 IS-12-D1-S2 95B062451 IS-12-D2-S2 95B062481	 IS-12-D1-03 95B062441
IS-12-B1-S2 IS-12-B1-03 95B062051 95B062041 IS-12-B2-S2 IS-12-B2-03 95B062081 95B062071 IS-12-B3-S2 IS-12-B3-03 95B061991 95B061981 IS-12-B4-S2 IS-12-B4-03	IS-12-D1-S2 95B062451 IS-12-D2-S2 95B062481	IS-12-D1-03 95B062441
S-12-B1-S2	IS-12-D1-S2 95B062451 IS-12-D2-S2 95B062481	IS-12-D1-03 95B062441
95B062051 95B062041 IS-12-B2-S2 IS-12-B2-03 95B062081 95B062071 IS-12-B3-S2 IS-12-B3-03 95B061991 95B061981 IS-12-B4-S2 IS-12-B4-03	95B062451 IS-12-D2-S2 95B062481	95B062441
95B062051 95B062041 IS-12-B2-S2 IS-12-B2-03 95B062081 95B062071 IS-12-B3-S2 IS-12-B3-03 95B061991 95B061981 IS-12-B4-S2 IS-12-B4-03	95B062451 IS-12-D2-S2 95B062481	95B062441
95B062081 95B062071 IS-12-B3-S2 IS-12-B3-03 95B061991 95B061981 S-12-B4-S2 IS-12-B4-03	95B062481	IC 10 D0 00
S-12-B3-S2		IS-12-D2-03
95B061991 95B061981 IS-12-B4-S2 IS-12-B4-03	IS-12-D3-S2	95B062471
S-12-B4-S2 IS-12-B4-03		IS-12-D3-03
	95B062391	95B062381
95B062021 95B062011	IS-12-D4-S2	IS-12-D4-03
	95B062421	95B062411
80 Vdc (-15/10%) 10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
< 10%	< 10%	< 10%
< 10%	< 10%	< 10%
200 mA 200 mA		
	200 mA	200 mA

10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
< 10%	< 10%	< 10%	< 10%
< 10%	< 10%	< 10%	< 10%
200 mA	200 mA	200 mA	200 mA
< 10 mA	< 10 mA	< 10 mA	< 10 mA
< 1,8 V (I=100mA)	< 1,8 V (I=100mA)	< 1,8 V (I=100mA)	< 1,8 V (I=100mA)
Yellow	Yellow	Yellow	Yellow
1000 Hz	1000 Hz	1000 Hz	1000 Hz
< 50 ms	< 50 ms	< 50 ms	< 50 ms
< 3%	< 3%	< 3%	< 3%
Present (self-resetting)	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)
Against polarity reversal inductive loads	Against polarity reversal inductive loads	Against polarity reversal inductive loads	Against polarity reversal inductive loads
(-25 +60 °C)	(-25 +70 °C)	(-25 +60 °C)	(-25 +70 °C)
IP67	IP67	IP67	IP67
	2 m		2 m
	3 x 0,14 mm²		3 x 0,14 mm ²
Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass
LCP	LCP	LCP	LCP
see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductiv Sensors Catalog
	110 a		110 q
60 g		60 g	

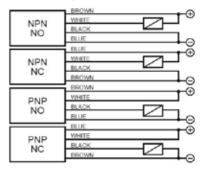
2 wires NO or NC



3 wires PNP or NPN



4 wires (PNP/NPN, NO/NC)



M12 connector - connections



2 wires NO or NC

*	Contacts numbers				
Available	3	2	3	4	
NO	*		-		
NC			+		

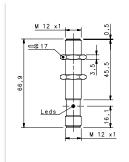
3 wires

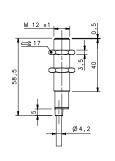
C	ONTACT	CONFIGU	RATION	
Acadabia	Available Contacts numb	numbers	25	
Available	- 1	2	3	4
(NO or NC)	+		-	NOINC

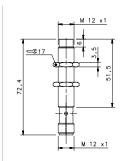
4 wires (PNP/NPN, NO/NC)

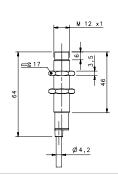
Output	Contacts numbers				
Output	11	2	- 3	4	
NPN NO	+	NO	_	-	
NPN NC	-	NC	+	-	
PNP NO	+	+:	-	NO	
PNP NC	-	+	+	NC	



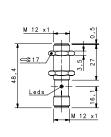


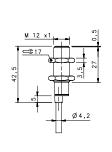


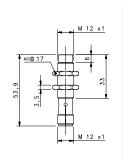


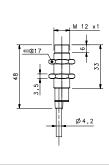


				FL	STAND JSH	NON FLUSH		
				M12 conn	cable	M12 conn	cable	
NOMINAL SWITCHING DISTANCE				4 mm		8 mm		
10.001/1	PNP/NPN	, .		IS-12-E0-S2	IS-12-E0-03	IS-12-F0-S2	IS-12-F0-03	
10-30 Vdc	NO-NC	4 wires	order No.	95B067230	95B067190	95B067250	95B067210	
10.003/1	PNP			IS-12-E1-S2	IS-12-E1-03	IS-12-F1-S2	IS-12-F1-03	
10-30 Vdc	NO	3 wires	order No.	95B067030	95B067670	95B067020	95B067740	
10.003/1	PNP			IS-12-E2-S2	IS-12-E2-03	IS-12-F2-S2	IS-12-F2-03	
10-30 Vdc	NC	3 wires	order No.	95B067640	95B067680	95B067710	95B067750	
10.20374	NPN	2		IS-12-E3-S2	IS-12-E3-03	IS-12-F3-S2	IS-12-F3-03	
10-30 Vdc	N0	3 wires	order No.	95B067650	95B067690	95B067720	95B067760	
10.201/-	NPN	2		IS-12-E4-S2	IS-12-E4-03	IS-12-F4-S2	IS-12-F4-03	
10-30 Vdc	NC	3 wires	order No.	95B067660	95B067700	95B067730	95B067770	
10.001/1	PNP	, .						
10-30 Vdc	NO-NC	4 wires	order No.					
10. 20 Vdc	NPN	Luine						
10-30 Vdc	NO-NC	4 wires	order No.					
10-30 Vdc	NO NO	2		IS-12-E9-S2	IS-12-E9-03	IS-12-F9-S2	IS-12-F9-03	
TU-3U Vac	NO-NC	2 wires	order No.	95B067240	95B067200	95B067260	95B067220	
20-250 Vac/Vdc	NO	2						
ZU-Z5U Vac/Vac	N0	2 wires	order No.					
20 250 /////-	NC 2 wi	NC	2					
20-250 Vac/Vdc		2 wires	order No.					
20.250.//	NO	2/2						
20-250 Vac	N0	2/3 wires	order No.					
10-30 Vdc	Analog 0-20	3 wires						
10-30 Vac	mA	3 wires	order No.					
NAMID and Sea	NAMUR	2 wires						
NAMUR amplifier	NAMOR	2 WII eS	order No.					
Naminal Valtage				10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	
Nominal Voltage				< 10%	< 10%	< 10%		
Residual Ripple				< 10%	< 10%	< 10%	< 10% < 10%	
Hysteresis								
Max. Output Current				100 mA	100 mA	100 mA	100 mA	
Min. Output Current Residual Current				< 10 mA	< 10 mA	< 10 mA	< 10 mA	
				< 1,2 V (I=100mA)	< 1,2 V (I=100mA)	< 1,2 V (I=100mA)	< 1,2 V (I=100mA)	
Voltage Drop				Yellow	Yellow	Yellow	Yellow	
Operation Led Switching Frequenc	v			500 Hz/200 Hz (2 wires NO-NC)	500 Hz/200 Hz (2 wires NO-NC)	400 Hz/200 Hz (2 wires NO-NC)	400 Hz/200 Hz (2 wires NO-NC	
	у			< 75 ms	< 75 ms	< 75 ms	< 75 ms	
Start Up Delay Repeatability				< 3%	< 3%	< 3%	< 3%	
Short Circuit Protec	tion			Present (self-resetting)	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)	
Electric Protection	cion			Against polarity reversal	Against polarity reversal	Against polarity reversal	Against polarity reversal	
				inductive loads	inductive loads	inductive loads	inductive loads	
Temperature Limit				(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)	
Protection Degree				IP67	IP67	IP67	IP67	
Cable Length								
Cable Section					2 x 0,34 mm ² 3 x 0,14 mm ² 4 x 0,25 mm ²		2 x 0,34 mm ² 3 x 0,14 mm ² 4 x 0,25 mm ²	
Housing Material				Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	
Active face				LCP	LCP	LCP	LCP	
Tightening torque				* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	
Weight - Cable Outpu	ıt			Selisors Catalog	Sensors catalog	Serisors Catalog	Sensors Catalog	
	Output			60 g	60 g	60 g	60 g	

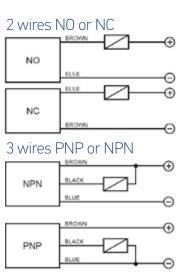




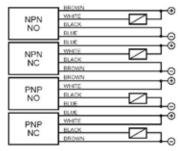




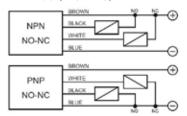
	SHOP	RT X2			
FLI		NON FLUSH			
M12 con	cable	M12 conn	cable		
4 mm	4 mm	8 mm	8 mm		
IS-12-G1-S2	IS-12-G1-03	IS-12-H1-S2	IS-12-H1-03		
95B063371	95B063361	95B063451	95B063441		
IS-12-G2-S2	IS-12-G2-03	IS-12-H2-S2	IS-12-H2-03		
95B063391	95B063381	95B063471	95B063461		
IS-12-G3-S2	IS-12-G3-03	IS-12-H3-S2	IS-12-H3-03		
95B063331	95B063321	95B063411	95B063401		
IS-12-G4-S2	IS-12-G4-03	IS-12-H4-S2	IS-12-H4-03		
95B063351	95B063341	95B063431	95B063421		
IS-12-G5-S2	IS-12-G5-03	IS-12-H5-S2	IS-12-H5-03		
95B062691	95B062681	95B062771	95B062761		
IS-12-G6-S2	IS-12-G6-03	IS-12-H6-S2	IS-12-H6-03		
95B062671	95B062661	95B062751	95B062741		
10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)		
< 10%	< 10%	< 10%	< 10%		
< 10%	< 10%	< 10%	< 10%		
200 mA	200 mA	200 mA	200 mA		
> 1,6 mA (2wires ver.)					
< 10 mA	< 10 mA	< 10 mA	< 10 mA		
< 1,2 V (I=100mA)					
Yellow	Yellow	Yellow	Yellow		
00 Hz/200 Hz (4 wires NO-NC)	500 Hz/200 Hz (4 wires NO-NC)	500 Hz/200 Hz (4 wires NO-NC)	500 Hz/200 Hz (4 wires NO-NC)		
< 75 ms	< 75 ms	< 75 ms	< 75 ms		
< 3%	< 3%	< 3%	< 3%		
Present (self-resetting)	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)		
Against polarity reversal inductive loads					
(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)		
IP67	IP67	IP67	IP67		
	2 m		2 m		
	3 x 0,14 mm² 4 x 0,25 mm²		3 x 0,14 mm ² 4 x 0,25 mm ²		
Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass		
LCP	LCP	LCP	LCP		
* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog		
	110 g		110 g		
60 g		60 g			



4 wires (PNP/NPN, NO/NC)



4 wires (NO+NC)



M12 connector connections



2 wires NO or NC

c	ONTACTS	CONFIGU	RATION			
Available	Contacts numbers					
ANGROUNE -	.1	2	3	- 4		
NO	+		2			
NC			+			

3 wires

C	ONTACTS	CONFIGU	RATION			
Available	Contacts numbers					
Available.	1	2	3	4		
(NO or NC)	+		-	NONC		

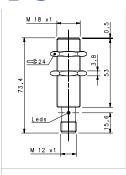
4 wires (PNP/NPN, NO/NC)

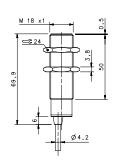
		Contacts	numbers	
Output	1	2	-3	4
NPN NO	+	NO	-	-
NPN NC	-	NC.	+	-
PNP NO	+	+	-	NO
PNP NC		+	+	NO

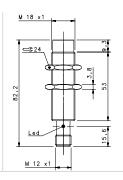
4 wires (NO+NC)

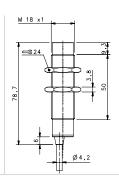
W. Carrier		Contacts	numbers.	
Available	1	2	3	- 4
(NO+NC)	+	NC.	-	NO





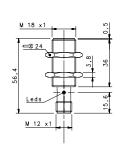


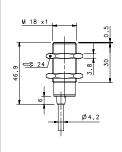


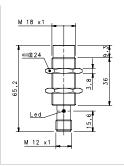


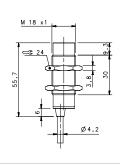
					STAN	IDARD	
				FLU		NON I	FLUSH
				M12 conn	cable	M12 conn	cable
IOMINAL SWITCI	HING DISTAN	ICE		5 mm	5 mm	8 mm	8 mm
10-30 Vdc	PNP/NPN	4 wires		IS-18-A0-S2	IS-18-A0-03	IS-18-C0-S2	IS-18-C0-03
10-30 Vac	NO-NC	4 wires	order No.	95B064260	95B064230	95B064280	95B064240
10 20 1/4-	PNP	2		IS-18-A1-S2	IS-18-A1-03	IS-18-C1-S2	IS-18-C1-03
10-30 Vdc	N0	3 wires	order No.	95B061351	95B061341	95B061751	95B061741
10.20.1/4-	PNP	2		IS-18-A2-S2	IS-18-A2-03	IS-18-C2-S2	IS-18-C2-03
10-30 Vdc	NC	3 wires	order No.	95B061371	95B061361	95B061771	95B061761
10.20.1/4	NPN	2 wires		IS-18-A3-S2	IS-18-A3-03	IS-18-C3-S2	IS-18-C3-03
10-30 Vdc	N0	3 wires	order No.	95B061311	95B061301	95B061711	95B061701
10.201/4-	NPN	2		IS-18-A4-S2	IS-18-A4-03	IS-18-C4-S2	IS-18-C4-03
10-30 Vdc	NC	3 wires	order No.	95B061331	95B061321	95B061731	95B061721
10.2014	PNP						
10-30 Vdc	NO-NC	4 wires	order No.				
10.001/1	NPN	, .					
10-30 Vdc	NO-NC	4 wires	order No.				
10.001/1	110 110			IS-18-A9-S2	S-18-A9-03	IS-18-C9-S2	IS-18-C9-03
10-30 Vdc	NO-NC	2 wires	order No.	95B063941	95B064300	95B064340	95B064310
20.050.1/ 0/1	NO						
20-250 Vac/Vdc	N0	2 wires	order No.				
20.050.1/ 0/1	110						
20-250 Vac/Vdc	/dc NC	2 wires	order No.				
20.0501/		0/0					
20-250 Vac	N0	2/3 wires	order No.				
10.001/1	Analog 0-20						
10-30 Vdc	mA	3 wires	order No.				
NIANALID	NIAMUD	2					
NAMUR amplifier	NAMUR	2 wires	order No.				
Nominal Voltage				10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
Residual Ripple				< 10%	< 10%	< 10%	< 10%
Hysteresis				< 10%	< 10%	< 10%	< 10%
Max. Output Current				200 mA	200 mA	200 mA	200 mA
Min. Output Current				> 1,6 mA (2wires ver.)			

Nominal Voltage	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
Residual Ripple	< 10%	< 10%	< 10%	< 10%
Hysteresis	< 10%	< 10%	< 10%	< 10%
Max. Output Current	200 mA	200 mA	200 mA	200 mA
Min. Output Current	> 1,6 mA (2wires ver.)	> 1,6 mA (2wires ver.)	> 1,6 mA (2wires ver.)	> 1,6 mA (2wires ver.)
Residual Current	< 10 mA	< 10 mA	< 10 mA	< 10 mA
Voltage Drop	< 1,8V; < 6,5 V (2wires ver.)	< 1,8V; < 6,5 V (2wires ver.)	< 1,8V; < 6,5 V (2wires ver.)	< 1,8V; < 6,5 V (2wires ver.)
Operation Led	Yellow	Yellow	Yellow	Yellow
Switching Frequency	1000 Hz/200 Hz (2 wires NO-NC)	1000 Hz/200 Hz (2 wires NO-NC)	1000 Hz/200 Hz (2 wires NO-NC)	1000 Hz/200 Hz (2 wires NO-NC)
Start Up Delay	< 50 ms	< 50 ms	< 50 ms	< 50 ms
Repeatability	< 3%	< 3%	< 3%	< 3%
Short Circuit Protection	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)
Electric Protection	Against polarity reversal inductive loads	Against polarity reversal inductive loads	Against polarity reversal inductive loads	Against polarity reversal inductive loads
Temperature Limit	(-25 +60 °C)	(-25 +60 °C)	(-25 +60 °C)	(-25 +60 °C)
Protection Degree	IP67	IP67	IP67	IP67
Cable Length		2 m		2 m
Cable Section		2 x 0,34 mm ² 3 x 0,14 mm ² 4 x 0,25 mm ²		2 x 0,34 mm ² 3 x 0,14 mm ² 4 x 0,25 mm ²
Housing Material	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass
Active face	LCP	LCP	LCP	LCP
Tightening torque	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog
Weight - Cable Output		145g		145g
Weight - Connector Output	95g		95g	



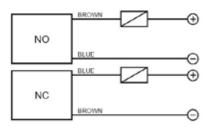




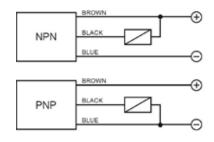


SHORT M12 conn M12 conn cable cable 5 mm 5 mm 8 mm 8 mm IS-18-B1-S2 IS-18-B1-03 IS-18-D1-S2 IS-18-D1-03 95B062151 95B062141 95B062551 95B062541 IS-18-B2-S2 IS-18-B2-03 IS-18-D2-S2 IS-18-D2-03 95B062161 95B062171 95B062571 95B062561 IS-18-B3-03 IS-18-D3-S2 IS-18-D3-03 IS-18-B3-S2 95B062111 95B062101 95B062511 95B062501 IS-18-B4-S2 IS-18-B4-03 IS-18-D4-S2 IS-18-D4-03 95B062131 95B062121 95B062531 95B062521 10-30 Vdc (-15/10%) 10-30 Vdc (-15/10%) 10-30 Vdc (-15/10%) 10-30 Vdc (-15/10%) < 10% < 10% < 10% < 10% < 10% < 10% < 10% < 10% 200 mA 200 mA 200 mA 200 mA < 10 mA < 10 mA < 10 mA < 10 mA < 1,8 V (I=100mA) < 1,8 V (I=100mA) < 1,8 V (I=100mA) < 1,8 V (I=100mA) Yellow Yellow Yellow Yellow 1000 Hz 1000 Hz 1000 Hz 1000 Hz < 50 ms < 50 ms < 50 ms < 50 ms < 3% < 3% < 3% < 3% Present (self-resetting) Present (self-resetting) Present (self-resetting) Present (self-resetting) Against polarity reversal Against polarity reversal Against polarity reversal Against polarity reversal inductive loads inductive loads inductive loads inductive loads (-25 ... +60 °C) (-25 ... +60 °C) (-25 ... +60 °C) (-25 ... +60 °C) IP67 IP67 IP67 IP67 2 m 2 m 3 x 0,14 mm² 3 x 0,14 mm² Nickel-plated brass Nickel-plated brass Nickel-plated brass Nickel-plated brass

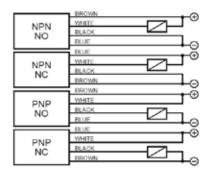
2 wires NO or NC



3 wires PNP or NPN



4 wires (PNP/NPN, NO/NC)



M12 connector - connections



2 wires NO or NC

A salable	Contacts numbers					
Available.	1	2	3	4		
NO	+		-			
NC			+			

3 wires

C	ONTACTS	CONFIGU	RATION			
Available	Contacts numbers					
Available	1	2	3	4		
(NO or NC)	+		-	NO/NO		

4 wires (PNP/NPN, NO/NC)

March 1		Contacts	numbers	
Output	11	2	- 3	4
NPN NO	+	NO	_	-
NPN NC	-	NC	+	-
PNP NO	+	+	i	NO
PNP NC	-	+	+	NC

LCP

see page 5 of the Inductive

Sensors Catalog

95g

LCP

see page 5 of the Inductive

Sensors Catalog

145g

LCP

see page 5 of the Inductive

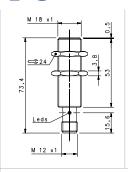
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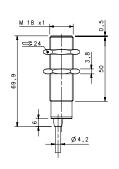
95g

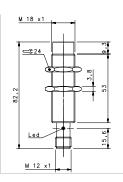
LCP

see page 5 of the Inductive Sensors Catalog

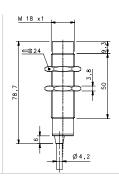








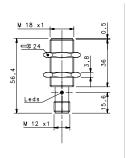
STANDARD X2

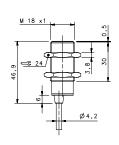


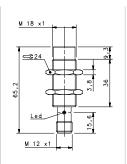
				FLU		NON FLUSH			
				M12 conn	cable	M12 conn	cable		
IOMINAL SWITC	HING DISTAN	NCE		8 n	nm	14	mm		
10.201/-	PNP/NPN	/i		IS-18-E0-S2	IS-18-E0-03	IS-18-F0-S2	IS-18-F0-03		
10-30 Vdc	NO-NC	4 wires	order No.	95B067310	95B067270	95B067330	95B067290		
0.001/1	PNP			IS-18-E1-S2	IS-18-E1-03	IS-18-F1-S2	IS-18-F1-03		
0-30 Vdc	NO	3 wires	order No.	95B067050	95B067810	95B067040	95B067880		
0.001/1	PNP			IS-18-E2-S2	IS-18-E2-03	IS-18-F2-S2	IS-18-F2-03		
0-30 Vdc	NC	3 wires	order No.	95B067780	95B067820	95B067850	95B067890		
	NPN			IS-18-E3-S2	IS-18-E3-03	IS-18-F3-S2	IS-18-F3-03		
0-30 Vdc	NO	3 wires	order No.	95B067790	95B067830	95B067860	95B067900		
	NPN			IS-18-E4-S2	IS-18-E4-03	IS-18-F4-S2	IS-18-F4-03		
0-30 Vdc	NC	3 wires	order No.	95B067800	95B067840	95B067870	95B067910		
0-30 Vdc	PNP	4 wires							
0-30 vuc	NO-NC	4 WII es	order No.						
0-30 Vdc	NPN	4 wires							
U-30 Vac	NO-NC	4 WIFES	order No.						
0.30.1/4-	NO NO	2		IS-18-E9-S2	IS-18-E9-03	IS-18-F9-S2	IS-18-F9-03		
0-30 Vdc	NO-NC	2 wires	order No.	95B067320	95B067280	95B067340	95B067300		
0.050.1/ 0/1	110								
0-250 Vac/Vdc	NU	N0	2 wires	order No.					
0-250 Vac/Vdc	NC 2	NC	NC	2 wires	order No.				
		0.00							
0-250 Vac	NO	2/3 wires	order No.						
	Analog 0-20								
0-30 Vdc	mA	3 wires	order No.						
IAMUDI:C	NAMES	2							
іАмок атринег	AMUR amplifier NAMUR 2 wires order No.								
Iominal Voltage				10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)		
Residual Ripple				< 10%	< 10%	< 10%	< 10%		
lysteresis				< 10%	< 10%	< 10%	< 10%		
lax. Output Current				200 mA	200 mA	200 mA	200 mA		
lin. Output Current							200111A		
nn. output current Pesidual Current				< 10 mA	< 10 mA	< 10 mA	< 10 mA		
oltage Drop				< 1,2 V (I=100mA)	< 1,2 V (I=100mA)	< 1,2 V (I=100mA)	< 1,2 V (I=100mA)		
peration Led				Yellow	Yellow	Yellow	Yellow		
witching Frequenc				400 Hz	400 Hz	100 Hz	100 Hz		
wnching Frequenc tart Up Delay	,			< 50 ms	< 50 ms	< 50 ms	< 50 ms		
epeatability				< 3%	< 3%	< 3%	< 3%		
epeatablity hort Circuit Protec	etion			Present (self-resetting)	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)		
	tion			Against polarity reversal	Against polarity reversal	Against polarity reversal	Against polarity reversal		
lectric Protection				inductive loads	inductive loads	inductive loads	inductive loads		
emperature Limit				(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)		
rotection Degree				IP67	IP67	IP67	IP67		
able Length									
able Section					2 x 0,34 mm ² 3 x 0,14 mm ² 4 x 0,25 mm ²		2 x 0,34 mm ² 3 x 0,14 mm ² 4 x 0,25 mm ²		
lousing Material				Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass		
ctive face				LCP	LCP	LCP	LCP		
ightening torque				* see page 5 of the Inductive	* see page 5 of the Inductive	* see page 5 of the Inductive	* see page 5 of the Inductiv		
				Sensors Catalog	Sensors Catalog	Sensors Catalog	Sensors Catalog		
Weight - Cable Outpo	ut					145g	145g		

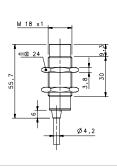
95g

Weight - Connector Output

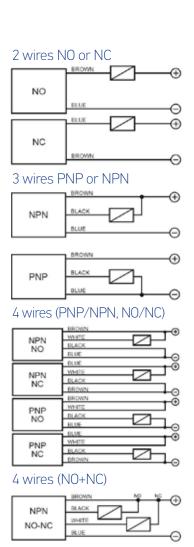








	SHO	RT X2	
FL			FLUSH
M12 conn	cable	M12 conn	cable
8 mm	8 mm	14 mm	14 mm
IS-18-G1-S2	IS-18-G1-03	IS-18-H1-S2	IS-18-H1-03
95B063531	95B063521	95B063611	95B063601
IS-18-G2-S2	IS-18-G2-03	IS-18-H2-S2	IS-18-H2-03
95B063551	95B063541	95B063631	95B063621
IS-18-G3-S2	IS-18-G3-03	IS-18-H3-S2	IS-18-H3-03
95B063491	95B063061	95B063571	95B063561
IS-18-G4-S2	IS-18-G4-03	IS-18-H4-S2	IS-18-H4-03
95B063511	95B063501	95B063591	95B063581
IS-18-G5-S2	IS-18-G5-03	IS-18-H5-S2	IS-18-H5-03
95B062731	95B062721	95B062811	95B064220
IS-18-G6-S2	IS-18-G6-03	IS-18-H6-S2	IS-18-H6-03
95B062711	95B064200	95B062791	95B064210
10. 20 Vda / 15/100/	10.20 Vda / 15/100/)	10.20 \/da / 15/100/\	10.20.\/da / 1E/100/\
10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%) < 10%	10-30 Vdc (-15/10%)
< 10% < 10%	< 10% < 10%	< 10%	< 10% < 10%
			200 mA
200 mA > 1,6 mA (2wires ver.)	200 mA > 1,6 mA (2wires ver.)	200 mA > 1,6 mA (2wires ver.)	> 1,6 mA (2wires ver.)
< 10 mA	< 10 mA	< 10 mA	< 10 mA
< 1,2 V (I=100mA)	< 1,2 V (I=100mA)	< 1,2 V (I=100mA)	< 1,2 V (I=100mA)
Yellow	Yellow	Yellow	Yellow
400 Hz/100 Hz (4 wires NO-NC)	400 Hz/100 Hz (4 wires NO-NC)	400 Hz/100 Hz (4 wires NO-NC)	400 Hz/100 Hz (4 wires NO-NO
< 75 ms	< 75 ms	< 75 ms	< 75 ms
< 3%	< 3%	< 3%	< 3%
Present (self-resetting)	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)
Against polarity reversal	Against polarity reversal	Against polarity reversal	Against polarity reversal
inductive loads	inductive loads	inductive loads	inductive loads
(-25 +60 °C)	(-25 +70 °C)	(-25 +60 °C)	(-25 +70 °C)
IP67	IP67	IP67	IP67
	2 m		2 m
	3 x 0,14 mm ² 4 x 0,25 mm ²		3 x 0,14 mm ² 4 x 0,25 mm ²
Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass
LCP	LCP	LCP	LCP
* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog
	145g		145g
95g		95g	



M12 connector connections

PNP NO-NC

2 wires NO or NC

Acceptance of	Contacts numbers			
AVAILABOR -	1	2	3	- 4
NO	+			
NC	_		+	

3 wires

C	ONTACTS	CONFIGU	RATION		
Available	Contacts numbers				
Available .	1	2	3	4	
(NO or NC)	+		-	NOINC	

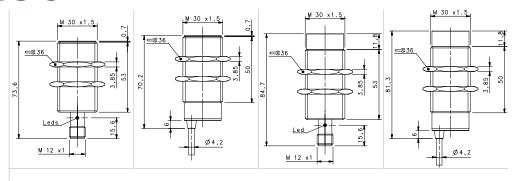
4 wires (PNP/NPN, NO/NC)

		Contacts	numbers	
Output	1	2	-3	4
NPN NO	+	NO	-	-
NPN NC	-	NC.	+	-
PNP NO	+	+	-	NO
PNP NC	:	+	+	NO

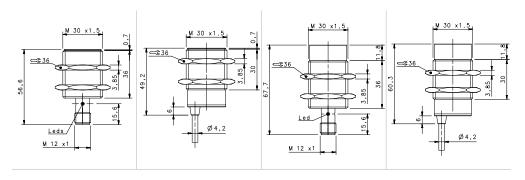
4 wires (NO+NC)

Academic .		Contacts	numbers	
HURINACIN.	1.5	2	3	4
(NO + NC)	+	NC.	-	NO





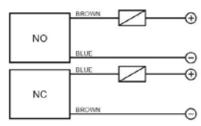
				STANDARD				
				FLU		NON F	LUSH	
				M12 conn	cable	M12 conn	cable	
NOMINAL SWITC	HING DISTAN	ICE		10 mm	10 mm	15 mm	15 mm	
10.001/1	PNP/NPN	, .		IS-30-A0-S2	IS-30-A0-03	IS-30-C0-S2	IS-30-C0-03	
10-30 Vdc	NO-NC	4 wires	order No.	95B064490	95B064460	95B064510	95B064470	
10-30 Vdc	PNP	3 wires		IS-30-A1-S2	IS-30-A1-03	IS-30-C1-S2	IS-30-C1-03	
10-30 vuc	N0	3 WIIES	order No.	95B061431	95B061421	95B061831	95B061821	
10-30 Vdc	PNP	3 wires		IS-30-A2-S2	IS-30-A2-03	IS-30-C2-S2	IS-30-C2-03	
	NC	0 111100	order No.	95B061451	95B061441	95B061851	95B061841	
10-30 Vdc	NPN	3 wires		IS-30-A3-S2	IS-30-A3-03	IS-30-C3-S2	IS-30-C3-03	
	N0		order No.	95B061391	95B061381	95B061791	95B061781	
10-30 Vdc	NPN NC	3 wires	l NI.	IS-30-A4-S2	IS-30-A4-03	IS-30-C4-S2	IS-30-C4-03	
	-		order No.	95B061411	95B061401	95B061811	95B061801	
10-30 Vdc	PNP NO-NC	4 wires	order No.					
	-		order No.					
10-30 Vdc	NPN NO-NC	4 wires	order No.					
			0.401110.	IS-30-A9-S2	IS-30-A9-03	IS-30-C9-S2	IS-30-C9-03	
10-30 Vdc	NO-NC	2 wires	order No.	95B064570	95B064530	95B064590	95B064550	
20-250 Vac/Vdc	N0	2 wires	order No.					
20-250 Vac/Vdc	NC	2						
ZU-Z5U VAC/VQC	NC	2 wires	order No.					
20-250 Vac	NO	2/3 wires						
20-230 Vac	INO	Z/3 WIIES	order No.					
10-30 Vdc	Analog 0-20	3 wires						
	mA	0 111100	order No.					
NAMUR amplifier	NAMUR	2 wires	order No.					
Nominal Voltage				10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	
Residual Ripple				< 10%	< 10%	< 10%	< 10%	
Hysteresis				< 10%	< 10%	< 10%	< 10%	
Max. Output Current				200mA; 100 mA (2wires)	200mA; 100 mA (2wires)	200mA; 100 mA (2wires)	200mA; 100 mA (2wires)	
Min. Output Current				> 1,6 mA (2wires)	> 1,6 mA (2wires)	> 1,6 mA (2wires)	> 1,6 mA (2wires)	
Residual Current				< 1,6 mA	< 1,6 mA < 1.8V: < 6.5 V (2wires)	< 1,6 mA	< 1,6 mA	
Voltage Drop Operation Led				< 1,8V; < 6,5 V (2wires) Yellow	Yellow	< 1,8V; < 6,5 V (2wires) Yellow	< 1,8V; < 6,5 V (2wires) Yellow	
operation Lea Switching Frequenc	w			300 Hz/250 Hz (2 wires NO-NC)		300 Hz/250 Hz (2 wires NO-NC)	300 Hz/250 Hz (2 wires NO-N	
Start Up Delay	,			< 50 ms	< 50 ms	< 50 ms	< 50 ms	
Repeatability				< 3%	< 3%	< 3%	< 3%	
Short Circuit Protec	tion			Present (self-resetting)	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)	
Electric Protection				Against polarity reversal inductive loads	Against polarity reversal inductive loads	Against polarity reversal inductive loads	Against polarity reversal inductive loads	
Temperature Limit				(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)	
Protection Degree				IP67	IP67	IP67	IP67	
Cable Length					2 m		2 m	
Cable Section					2 x 0,34 mm ² 3 x 0,14 mm ² 4 x 0,25 mm ²		2 x 0,34 mm ² 3 x 0,14 mm ² 4 x 0,25 mm ²	
Housing Material				Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	
Active face				LCP	LCP	LCP	LCP	
Tightening torque				* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	
Weight - Cable Outpu					210 g		210 g	
Weight - Connector (Output			170 g		170 g		



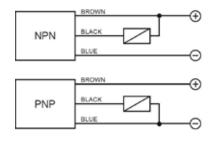
SHORT M12 conn M12 conn cable cable 10 mm 15 mm 15 mm 10 mm IS-30-B1-S2 IS-30-B1-03 IS-30-D1-S2 IS-30-D1-03 95B062231 95B062221 95B062631 95B062621 IS-30-B2-S2 IS-30-B2-03 IS-30-D2-S2 IS-30-D2-03 95B062241 95B062251 95B062651 95B062641 IS-30-B3-03 IS-30-D3-S2 IS-30-D3-03 IS-30-B3-S2 95B062191 95B062181 95B062591 95B062581 IS-30-B4-S2 IS-30-B4-03 IS-30-D4-S2 IS-30-D4-03 95B062211 95B062201 95B062611 95B062601 10-30 Vdc (-15/10%) 10-30 Vdc (-15/10%) 10-30 Vdc (-15/10%) 10-30 Vdc (-15/10%) < 10% < 10% < 10% < 10% < 10% < 10% < 10% < 10% 200 mA 200 mA 200 mA 200 mA < 10 mA < 10 mA < 10 mA < 10 mA < 1,8 V (I=100mA) < 1,8 V (I=100mA) < 1,8 V (I=100mA) < 1,8 V (I=100mA) Yellow Yellow Yellow Yellow 300 Hz 300 Hz 300 Hz 300 Hz < 50 ms < 50 ms < 50 ms < 50 ms < 3% < 3% < 3% < 3% Present (self-resetting) Present (self-resetting) Present (self-resetting) Present (self-resetting) Against polarity reversal Against polarity reversal Against polarity reversal Against polarity reversal inductive loads inductive loads inductive loads inductive loads (-25 ... +60 °C) (-25 ... +60 °C) (-25 ... +60 °C) (-25 ... +60 °C) IP67 IP67 IP67 IP67 2 m 2 m 3 x 0,14 mm² 3 x 0,14 mm² Nickel-plated brass Nickel-plated brass Nickel-plated brass Nickel-plated brass LCP LCP LCP LCP see page 5 of the Inductive Sensors Catalog Sensors Catalog Sensors Catalog Sensors Catalog

210 g

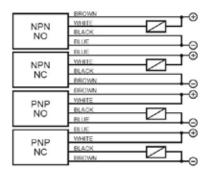
2 wires NO or NC



3 wires PNP or NPN



4 wires (PNP/NPN, NO/NC)



M12 connector - connections



2 wires NO or NC

tunitable.	Contacts numbers			
Available	3	2	3	4
NO	*		-	
NC			+	

3 wires

C	ONTACTS	CONFIGU	RATION		
Available	Contacts numbers				
Available	-1	2	3	4	
(NO or NC)	+		-	NO/NO	

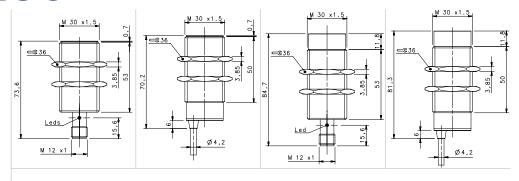
4 wires (PNP/NPN, NO/NC)

Section 1		Contacts	numbers	
Output	010	2	- 3	4
NPN NO	+	NO	_	-
NPN NC	-	NC	+	-
PNP NO	+	+	i	NO
PNP NC	-	+	+	NO

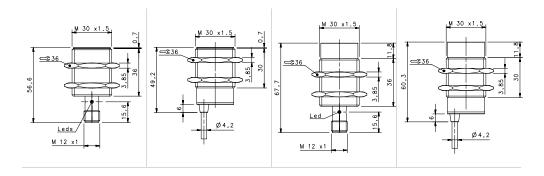
170 g

210 g

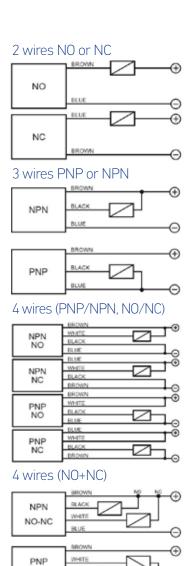




				STANDARD X2			
				FLI		NON-	FLUSH
				M12 conn	cable	M12 conn	cable
IOMINAL SWITC	HING DISTAN	ICE		15mm	15mm	20 mm	20 mm
	PNP/NPN			IS-30-E0-S2	IS-30-E0-03	IS-30-F0-S2	IS-30-F0-03
10-30 Vdc	NO-NC	4 wires	order No.	95B067390	95B067350	95B067410	95B067370
	PNP			IS-30-E1-S2	IS-30-E1-03	IS-30-F1-S2	IS-30-F1-03
10-30 Vdc	NO	3 wires	order No.	95B067060	95B067950	95B067990	95B068030
	PNP			IS-30-E2-S2	IS-30-E2-03	IS-30-F2-S2	IS-30-F2-03
10-30 Vdc	NC	3 wires	order No.	95B067920	95B067960	95B068000	95B068040
	NPN			IS-30-E3-S2	IS-30-E3-03	IS-30-F3-S2	IS-30-F3-03
10-30 Vdc	NO	3 wires	order No.	95B067930	95B067970	95B068010	95B068050
	NPN			IS-30-E4-S2	IS-30-E4-03	IS-30-F4-S2	IS-30-F4-03
10-30 Vdc	NC	3 wires	order No.	95B067940	95B067980	95B068020	95B068060
	PNP						
10-30 Vdc	NO-NC	4 wires	order No.				
	NPN		Oraci ito.				
10-30 Vdc	NO-NC	4 wires	order No.				
			oraci ivo.	IS-30-E9-S2	IS-30-E9-03	IS-30-F9-S2	IS-30-F9-03
10-30 Vdc	NO-NC	2 wires	order No.	95B067400	95B067360	95B067420	95B067380
			Order 140.	735007400	735007300	735007420	735007300
20-250 Vac/Vdc	NO	2 wires	order No.				
			order No.				
20-250 Vac/Vdc	NC	2 wires	order No.				
			order No.				
20-250 Vac	NO	2/3 wires	NI -				
			order No.				
10-30 Vdc	Analog 0-20 Maries	3 wires	1 1				
	IIIA		order No.				
NAMUR amplifier	NAMUR	2 wires	order No.				
Nominal Voltage				10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
Residual Ripple				< 10%	< 10%	< 10%	< 10%
Hysteresis				< 10%	< 10%	< 10%	< 10%
Max. Output Current				200 mA	200 mA	200 mA	200 mA
Min. Output Current							
Residual Current				< 10 mA	< 10 mA	< 10 mA	< 10 mA
Voltage Drop				< 6,5 V (I=100mA)	< 6,5 V (I=100mA)	< 6,5 V (I=100mA)	< 6,5 V (I=100mA)
Operation Led				Yellow	Yellow	Yellow	Yellow
Switching Frequenc	y			200 Hz/100 Hz (2 wires NO-NC)	200 Hz/100 Hz (2 wires NO-NC)	200 Hz/100 Hz (2 wires NO-NC)	200 Hz/100 Hz (2 wires NO-N
Start Up Delay				< 75 ms	< 75 ms	< 75 ms	< 75 ms
Repeatability				< 3%	< 3%	< 3%	< 3%
Short Circuit Protec	tion			Present (self-resetting)	Present (self-resetting)	Present (self-resetting)	Present (self-resetting)
Electric Protection				Against polarity reversal inductive loads	Against polarity reversal inductive loads	Against polarity reversal inductive loads	Against polarity reversal inductive loads
Temperature Limit				(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)
Protection Degree				IP67	IP67	IP67	IP67
Cable Length							
Cable Section					2 x 0,34 mm ² 3 x 0,14 mm ² 4 x 0,25 mm ²		2 x 0,34 mm ² 3 x 0,14 mm ² 4 x 0,25 mm ²
Housing Material				Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass
Active face				LCP	LCP	LCP	LCP
				* see page 5 of the Inductive	* see page 5 of the Inductive	* see page 5 of the Inductive	* see page 5 of the Inductive
Tightening torque				Sensors Catalog	Sensors Catalog	Sensors Catalog	Sensors Catalog
Weight - Cable Outpu	ut						
Weight - Connector (Output			170 g	170 g	170 g	170 g



	SHOF	RT X2	
FLU		NON F	LUSH
M12 conn	cable	M12 conn	cable
15mm	15mm	20 mm	20 mm
IS-30-G1-S2	IS-30-G1-03	IS-30-H1-S2	IS-30-H1-03
95B063691	95B063681	95B063771	95B063761
IS-30-G2-S2	IS-30-G2-03	IS-30-H2-S2	IS-30-H2-03
95B063711	95B063701	95B063791	95B063781
IS-30-G3-S2	IS-30-G3-03	IS-30-H3-S2	IS-30-H3-03
95B063651	95B063641	95B063731	95B063721
IS-30-G4-S2	IS-30-G4-03	IS-30-H4-S2	IS-30-H4-03
95B063671	95B063661	95B063751	95B063741
IS-30-G5-S2	IS-30-G5-03	IS-30-H5-S2	IS-30-H5-03
95B063831	95B063821	95B064450	95B064420
IS-30-G6-S2	IS-30-G6-03	IS-30-H6-S2	IS-30-H6-03
95B064430	95B064400	95B064440	95B064410
10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
< 10%	< 10%	< 10%	< 10%
< 10%	< 10%	< 10%	< 10%
200 mA	200 mA	200 mA	200 mA
< 10 mA	< 10 mA	< 10 mA	< 10 mA
< 1,2 V (I=100mA)	< 1,2 V (I=100mA)	< 1,2 V (I=100mA)	< 1,2 V (I=100mA)
Yellow	Yellow	Yellow 200 Hz	Yellow
200 Hz	200 Hz		200 Hz
< 75 ms	< 75 ms	< 75 ms	< 75 ms
< 3%	< 3%	< 3%	< 3%
Present (self-resetting) Against polarity reversal	Present (self-resetting) Against polarity reversal	Present (self-resetting) Against polarity reversal	Present (self-resetting) Against polarity reversal
inductive loads	inductive loads	inductive loads	inductive loads
(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)
IP67	IP67	IP67	IP67
	2 m		2 m
	3 x 0,14 mm² 4 x 0,25 mm²		3 x 0,14 mm ² 4 x 0,25 mm ²
Nickel-plated brass	Nickel-plated brass	Nickel-plated brass	Nickel-plated brass
LCP	LCP	LCP	LCP
see page 5 of the Inductive	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog
Sensors Catalog	Jensons Calalog	ochool o datatog	ochoors outdrog



M12 connector connections

NO-NC

2 wires NO or NC

words and a	CONTACTS		numbers	
Available	1	2	3	4
NO	+		-	
NC	-		+	

3 wires

C	ONTACTS	CONFIGU	RATION		
Available	Contacts numbers				
	1	2	3	4	
(NO or NC)	+	100.0	+	NO/NC	

4 wires (PNP/NPN, NO/NC)

Output	Contacts numbers			
	1	2	-3	4
NPN NO	+	NO	37	-
NPN NC	-	NC.	+	-
PNP NO	+	+	-	NO
PNP NC		+	+	NO

4 wires (NO+NC)

Available	Contacts numbers			
	1.5	2	3	4
(NO+NC)	+	NC.		NO

Stainless Steel housing
M4, M5 POM active face - M6,5, M8, M12, M18, M30 LCP active face
Standard length
Short length
Normal and double range operating distance
Operating distance 0.8 ... 20 mm
M4, M5, M6,5, M8, M12, M18, M30
Cable, M8 or M12 connector
3 wires
PNP, NPN, NO, NC
IP69K protection

REDUCTION FACTOR

	ALUMINUM (25°C)	STAINLESS STEEL AISI316L	COPPER	BRASS
FLUSH	0,30,5	0,70,9	0,20,5	0,40,6
NON-FLUSH	0,40,6	0,71,05	0,40,5	0,50,7

M12/18/30 models are Diversey and ECOLAB tested



*Excluded M4 and M5 models

