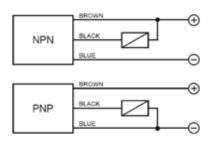


#### **STANDARD** FLUSH cable

NOMINAL SWITCH	ING DISTAN	CE		0,8 mm
10-30 Vdc	PNP/NPN NO-NC	4 wires	order No.	
10-30 Vdc	PNP NO	3 wires	order No.	IS-04-A1-03 95B061011
10-30 Vdc	PNP NC	3 wires	order No.	
10-30 Vdc	NPN NO	3 wires	order No.	IS-04-A3-03 95B061001
10-30 Vdc	NPN NC	3 wires	order No.	
10-30 Vdc	PNP NO-NC	4 wires	order No.	
10-30 Vdc	NPN NO-NC	4 wires	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	order No.	
20-250 Vac	NO	2/3 wires	order No.	
10-30 Vdc	Analog 0-20 mA	3 wires	order No.	
NAMUR amplifier	NAMUR	2 wires	order No.	

	order No.	
Nominal Voltage		10-30 Vdc (-15/10%)
Residual Ripple		< 10%
		< 15%
Hysteresis		
Max. Output Current		100 mA
Min. Output Current		
Residual Current		< 0,01 mA
Voltage Drop		< 1,5 V
Operation Led		Yellow
Switching Frequency		2000 Hz
Start Up Delay		
Repeatability		< 1%
Short Circuit Protection		Present (self-resetting)
Electric Protection		Against polarity reversal inductive loads
Temperature Limit		(-25 +70 °C)
Protection Degree		IP69K
Cable Length		2 m (PUR)
Cable Section		3x 0,15 mm²
Housing Material		Stainless-Steel
Active face		POM
Tightening torque		
Weight - Cable Output		50 g
Weight - Connector Output		

#### 3 wires PNP or NPN



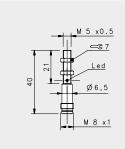
#### M83 pole

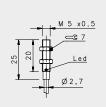
NPN/PNP

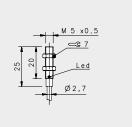


NONC



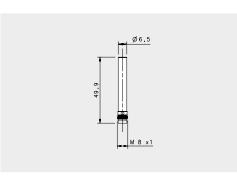


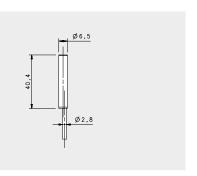




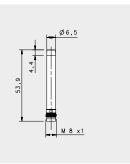
				STANDARD		STANDARD X2	
				FLUS	SH .	FLUSH	
				M8 conn	cable	cable	
OMINAL SWITCH	IING DISTANO	CE		0,8 mm	0,8 mm	1,5 mm	
0.201/1	PNP/NPN						
0-30 Vdc	NO-NC	4 wires	order No.				
0-30 Vdc	PNP	3 wires		IS-05-A1-S1	IS-05-A1-03		
0-30 Vac	NO	3 wires	order No.	95B061051	95B061041		
0-30 Vdc	PNP	3 wires					
J-30 Vac	NC	2 MILE2	order No.				
0-30 Vdc	NPN	3 wires		IS-05-A3-S1	IS-05-A3-03	IS-05-E3-03	
5 50 vac	NO	5 WIICS	order No.	95B061031	95B061021	95B065400	
0-30 Vdc	NPN	3 wires			IS-05-A4-03		
50 Vac	NC	5 WIICS	order No.		95B065420		
0-30 Vdc	PNP	4 wires					
. =0 140	NO-NC	с5	order No.				
0-30 Vdc	NPN	4 wires					
	NO-NC		order No.				
0-30 Vdc	NO-NC	2 wires					
			order No.				
0-250 Vac/Vdc	NO	2 wires					
			order No.				
0-250 Vac/Vdc	NC	2 wires					
			order No.				
0-250 Vac	NO	2/3 wires					
			order No.				
0-30 Vdc	Analog	3 wires					
	0-20 mA		order No.				
IAMUR amplifier	NAMUR	2 wires	audau Na				
			order No.				
ominal Voltage				10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	
esidual Ripple				< 10%	< 10%	< 10%	
lysteresis				< 15%	< 15%	< 15%	
, 1ax. Output Curre	nt			100 mA	100 mA	100 mA	
lin. Output Curre							
esidual Current				< 0,01 mA	< 0,01 mA	< 0,01 mA	
oltage Drop				< 1,5V	< 1,5V	< 1,5V	
peration Led				Yellow	Yellow	Yellow	
witching Frequer	ncy			2000 Hz	2000 Hz	2000 Hz	
tart Up Delay							
epeatability				< 1%	< 1%		
hort Circuit Prote	ection			Present (self-resetting)	Present (self-resetting)	Present (self-resetting)	
lectric Protection	ı			Against polarity reversal inductive loads	Against polarity reversal inductive loads	Against polarity reversal inductive loads	
emperature Limit				(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)	
rotection Degree				IP69K	IP69K	IP69K	
able Length					2 m (PUR)	2 m (PUR)	
able Section					3x 0,15 mm²	3x 0,15 mm²	
ousing Material				Stainless-Steel	Stainless-Steel	Stainless-Steel	
ctive face				POM	POM	POM	
ightening torque				1,5 Nm	1,5 Nm	1,5 Nm	
Veight - Cable Out					25g	25g	
Veight - Connecto	r Output			14g			

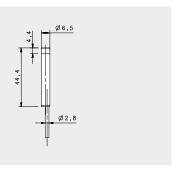






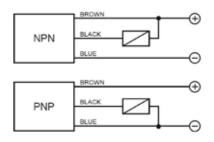
				SHORT STAINLESS STEEL			
				FLU	JSH		
				M8 conn	cable		
OMINAL SWITCH	HING DISTANCE			1,5 mm	1,5 mm		
10-30 Vdc	PNP/NPN	4 wires					
10-30 vac	NO-NC	4 WIIC3	order No.				
0-30 Vdc	PNP	3 wires		IS-65-M1-S1	IS-65-M1-03		
	NO		order No.	95B066080	95B064760		
0-30 Vdc	PNP NC	3 wires	audau Na	IS-65-M2-S1	IS-65-M2-03		
			order No.	95B066120 IS-65-M3-S1	95B064800 IS-65-M3-03		
0-30 Vdc	NPN NO	3 wires	order No.	95B066000	958064680		
			order No.	IS-65-M4-S1	IS-65-M4-03		
0-30 Vdc	NPN NC	3 wires	order No.	95B066040	95B064720		
	PNP		order No.				
0-30 Vdc	NO-NC	4 wires	order No.				
	NPN						
0-30 Vdc	NO-NC	4 wires	order No.				
0-30 Vdc	NO-NC	2 wires	order No.				
0-250 Vac/Vdc	NO	2 wires	order No.				
0. 250 ) ( /) ( -	NC	2					
0-250 Vac/Vdc	NC	2 wires	order No.				
0-250 Vac	NO	2/3wires					
U-250 Val	NO	2/3 WILES	order No.				
0-30 Vdc	Analog	3 wires					
0-30 vac	0-20 mA	2 MILE2	order No.				
IAMUR amplifier	NAMUR	MUR 2 wires .					
	10,111011		order No.				
Iominal Voltage				10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)		
esidual Ripple				< 10%	< 10%		
lysteresis				< 10%	< 10%		
lax. Output Curre	nt			200 mA	200 mA		
lin. Output Curre							
Residual Current				< 10 mA	< 10 mA		
oltage Drop				< 1,2 V (I=100mA)	< 1,2 V (I=100mA)		
peration Led				Yellow	Yellow		
witching Frequer	ncy			1000 Hz	1000 Hz		
tart Up Delay				< 50 ms	< 50 ms		
epeatability				< 3%	< 3%		
hort Circuit Prote	ection			Present (self-resetting)	Present (self-resetting)		
lectric Protection	ı			Against polarity reversal inductive loads	Against polarity reversal inductive loads		
emperature Limit				(-25 +70 °C)	(-25 +70 °C)		
rotection Degree				IP69K	IP69K		
able Length							
able Section					3x 0,14 mm²		
lousing Material				Stainless-Steel	Stainless-Steel		
ctive face				LCP	LCP		
ightening torque							
Veight - Cable Out					80 g		
Weight - Connecto	r Output			40 g			





SHORT STA	INLESS STEEL
	FLUSH
M8 conn	cable
2 mm	2 mm
IS-65-N1-S1	IS-65-N1-03
95B066240	95B064920
IS-65-N2-S1	IS-65-N2-03
95B066280	95B064960
IS-65-N3-S1	IS-65-N3-03
95B066160	95B064840
IS-65-N4-S1	IS-65-N4-03
95B066200	95B064880
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
1000 Hz	1000 Hz
< 50 ms	< 50 ms
< 3%	< 3%
Present (self-resetting)	Present (self-resetting)
Against polarity reversal inductive loads	Against polarity reversal inductive loads
(-25 +70 °C)	(-25 +70 °C)
IP69K	IP69K
	 2v 0.1/ mm²
 Stainless Staal	3x 0,14 mm²
Stainless-Steel LCP	Stainless-Steel LCP
LCP	
	 80 g
 40 g	80 g
<b>→</b> 8	

#### 3 wires PNP or NPN

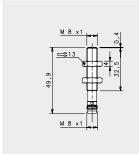


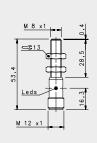
#### M8 3 pole

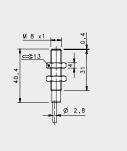


CONT	CONTACTS CONFIGURATION					
1000000	Con	tacts nur	bers			
Available	1 BROWN	3 HUE	HACK			
NPN/PNP	+	_	NO/NC			

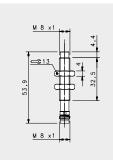


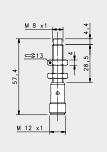


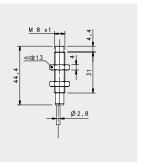




					SHORT STAINLESS STEEL		
					FLUSH		
				M8 conn	M12 conn	cable	
NOMINAL SWITCH	IING DISTAN	CE		1,5 mm	1,5 mm	1,5 mm	
10-30 Vdc	PNP/NPN NO-NC	4 wires	order No.				
10-30 Vdc	PNP	3 wires		IS-08-M1-S1	IS-08-M1-S2	IS-08-M1-03	
	NO		order No.	95B066870	95B066600	95B066380	
10-30 Vdc	PNP NC	3 wires	order No.	IS-08-M2-S1 95B066900	IS-08-M2-S2 95B066630	IS-08-M2-03 95B066600	
10-30 Vdc	NPN NO	3 wires	order No	IS-08-M3-S1 95B066820	IS-08-M3-S2 95B066540	IS-08-M3-03 95B066340	
			order No.	IS-08-M4-S1	IS-08-M4-S2	IS-08-M4-03	
10-30 Vdc	NPN NC	3 wires	order No.	95B066840	95B066570	95B066360	
10-30 Vdc	PNP NO-NC	4 wires	order No.				
	NPN						
10-30 Vdc	NO-NC	4 wires	order No.				
10-30 Vdc	NO-NC	2 wires					
10 30 vac	NO NC	2 WIIC3	order No.				
20-250 Vac/Vdc	NO	2 wires					
			order No.				
20-250 Vac/Vdc	NC	2 wires	order No.				
			order ivo.				
20-250 Vac	NO	2/3 wires	order No.				
40.2014-	Analog	2					
10-30 Vdc	0-20 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%)	
Residual Ripple				< 10%	< 10%	< 10%	
Hysteresis				< 10%	< 10%	< 10%	
Max. Output Currer	nt			200 mA	200 mA	200 mA	
Min. Output Curre	nt						
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 Frequer	ncy			1000 Hz	1000 Hz	1000 Hz	
Start Up Delay				< 50 ms	< 50 ms	< 50 ms	
Repeatability				< 3%	< 3%	< 3%	
Short Circuit Prote	ection			Present (self-resetting)	Present (self-resetting)	Present (self-resetting)	
Electric Protection	ı			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				IP69K	IP69K	IP69K	
Cable Length							
Cable Section						3x 0,14 mm²	
Housing Material				Stainless-Steel	Stainless-Steel	Stainless-Steel	
Active face				LCP	LCP	LCP	
Tightening torque				* see page 5 of the Inductive Sensors Catalog	$^{\ast}$ see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalo	
Weight - Cable Out	•					80 g	
Weight - Connecto	r Output			35g	55g		

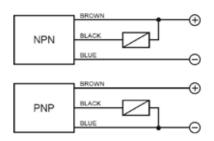






M8 conn		SHORT STAINLESS STEE	(L
2 mm			
IS-08-N1-51	M8 conn	M12 conn	cable
IS-08-N1-51	2 mm	2 mm	2 mm
S-OB-N1-51   S-OB-N1-52   S-OB-N1-03   95806690   958066710   95806690   958066710   95806690   958066710   95806690   958066710   958066710   958066710   958066710   958066710   958066710   958066710   958066710   958066710   958066710   958066710   S-OB-N3-51   S-OB-N3-52   S-OB-N3-03   958066610   958066640   958066400   S-OB-N3-51   S-OB-N3-52   S-OB-N3-03   958066690   958066640   958066400   958066400   958066640   958066400   958066640   958066400   958066640   958066470   S-OB-N3-03   958066690   958066640   958066470   S-OB-N3-03   95806690   958066640   S-OB-N3-03   958066690   958066470   S-OB-N3-03   S-OB-N3			
958066980 958066710 958066490  IS-08-N2-51 IS-08-N2-52 IS-08-N2-03  9580667010 958066730 958066610  IS-08-N3-51 IS-08-N3-52 IS-08-N3-03  95806690 95806680 958066440  IS-08-N4-51 IS-08-N3-52 IS-08-N3-03  958066950 95806680 95806640  IS-08-N4-51 IS-08-N3-52 IS-08-N4-03  958066950 95806680 95806640  IS-08-N4-51 IS-08-N3-52 IS-08-N3-03  958066950 95806680 958066470			
958066980 958066710 958066490  IS-08-N2-51 IS-08-N2-52 IS-08-N2-03  9580667010 958066730 958066610  IS-08-N3-51 IS-08-N3-52 IS-08-N3-03  95806690 95806680 958066440  IS-08-N4-51 IS-08-N3-52 IS-08-N3-03  958066950 95806680 95806640  IS-08-N4-51 IS-08-N3-52 IS-08-N4-03  958066950 95806680 95806640  IS-08-N4-51 IS-08-N3-52 IS-08-N3-03  958066950 95806680 958066470	IS-08-N1-S1	IS-08-N1-S2	IS-08-N1-03
95B067010 95B066730 95B066510  IS-08-N3-51 IS-08-N3-52 IS-08-N3-03  95B066690 95B066400  IS-08-N4-51 IS-08-N4-52 IS-08-N4-03  95B06650 95B066690 95B066470			
IS-08-N3-51   IS-08-N3-52   IS-08-N3-03   958066693   958066640   95806640   15-08-N4-51   IS-08-N4-52   IS-08-N4-03   958066950   958066690   958066470	IS-08-N2-S1	IS-08-N2-S2	IS-08-N2-03
95B066930 95B066600 95B066440  IS-08-Nu-51 IS-08-Nu-52 IS-08-Nu-03  95B066950 95B066800 95B066470		95B066730	
IS-08-N4-51	IS-08-N3-S1	IS-08-N3-S2	IS-08-N3-03
95B066950 95B066800 95B066470	95B066930	95B066660	95B066440
10-30 Vdc (-15/10%)	IS-08-N4-S1	IS-08-N4-S2	IS-08-N4-03
	95B066950	95B066680	95B066470
10-30 Vdc (-15/10%) 10% 10% 10% 10% 10% 10% 10% 10 MA 10 MA 10 MA 10 MA 10 MA 11,2 V (I=100mA) 10,2 V (I=100mA) 1000 Hz 10			
10-30 Vdc (-15/10%) 10-30 Vdc (-15/10%) 10-30 Vdc (-15/10%) 10% 10% 10% 10% 10% 10% 10% 10% 10% 10%			
10-30 Vdc (-15/10%)			
10-30 Vdc (-15/10%)   10-30 Vdc (-15/10%)   10-30 Vdc (-15/10%)     < 10%			
< 10%			
< 10%			
< 10%	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
200 mA         200 mA         200 mA                < 10 mA	< 10%	< 10%	< 10%
Comparison	< 10%	< 10%	< 10%
< 10 mA	200 mA	200 mA	200 mA
< 1,2 V (I=100mA)			
Yellow         Yellow         Yellow           1000 Hz         1000 Hz         1000 Hz           < 50 ms	< 10 mA	< 10 mA	< 10 mA
1000 Hz         1000 Hz         1000 Hz           < 50 ms			
< 50 ms	Yellow	Yellow	Yellow
< 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)         IP69K       IP69K       IP69K           3x 0,14 mm²         Stainless-Steel       Stainless-Steel       Stainless-Steel         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           80 g	1000 Hz	1000 Hz	1000 Hz
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)       IP69K     IP69K     IP69K         3x 0,14 mm²       Stainless-Steel     Stainless-Steel     Stainless-Steel       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         80 g	< 50 ms	< 50 ms	< 50 ms
Against polarity reversal inductive loads inductive loads inductive loads  (-25 +70 °C) (-25 +70 °C) (-25 +70 °C)  IP69K IP69K IP69K IP69K  3x 0,14 mm²  Stainless-Steel Stainless-Steel Stainless-Steel Stainless-Steel  LCP LCP LCP  * see page 5 of the Inductive Sensors Catalog	< 3%	< 3%	< 3%
inductive loads         inductive loads         inductive loads           (-25 +70 °C)         (-25 +70 °C)         (-25 +70 °C)           IP69K         IP69K         IP69K                3x 0,14 mm²         5tainless-Steel         Stainless-Steel           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	Present (self-resetting)	Present (self-resetting)	
IP69K         IP69K         IP69K                 3x 0,14 mm²           Stainless-Steel         Stainless-Steel         Stainless-Steel           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			
3x 0,14 mm² Stainless-Steel Stainless-Steel Stainless-Steel  LCP LCP * see page 5 of the Inductive Sensors Catalog 80 g	(-25 +70 °C)	(-25 +70 °C)	(-25 +70 °C)
3x 0,14 mm² Stainless-Steel Stainless-Steel Stainless-Steel LCP LCP LCP * see page 5 of the Inductive Sensors Catalog 80 g	IP69K	IP69K	IP69K
Stainless-Steel Stainless-Steel Stainless-Steel Stainless-Steel  LCP LCP LCP  * see page 5 of the Inductive Sensors Catalog 80 g			
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 * 80 g			3x 0,14 mm²
* see page 5 of the Inductive Sensors Catalog	Stainless-Steel	Stainless-Steel	Stainless-Steel
80 g	LCP	LCP	LCP
S Comments	* see page 5 of the Inductive Sensors Catalog	$^{\ast}$ see page 5 of the Inductive Sensors Catalog	$^{\star}$ see page 5 of the Inductive Sensors Catalog
35g 55g			80 g
	35g	55g	

#### 3 wires PNP or NPN



### M12 3 pole



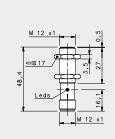
Available		Contacts	numbers	
Available .	1	2	3	4
(NO or NC)	+		777	NOING

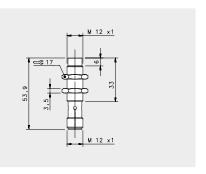
### M8 3 pole



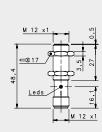
CONT	ACTS CON	FIGURAT	ION
1271-2722-01	Con	tacts nur	bers
Available	1 IROWN	3 HUE	HACK
NPN/PNP	+	_	NONC



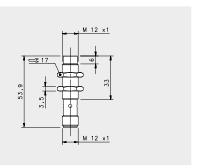




				SHORT STAINLESS STEEL		
				FLUSH	NON FLUSH	
				M12 conn	M12 conn	
OMINAL SWITCH	IING DISTANC	E		2 mm	4 mm	
10-30 Vdc	PNP/NPN NO-NC	4 wires	andan Na			
	PNP		order No.	 IS-12-M1-S2	 IS-12-N1-S2	
10-30 Vdc	NO	3 wires	order No.	95B060240	95B060280	
	PNP		order ivo.	IS-12-M2-S2	IS-12-N2-S2	
10-30 Vdc	NC	3 wires	order No.	95B060250	95B060290	
	NPN			IS-12-M3-S2	IS-12-N3-S2	
0-30 Vdc	NO	3 wires	order No.	95B060260	95B060300	
	NPN			IS-12-M4-S2	IS-12-N4-S2	
10-30 Vdc	NC	3 wires	order No.	95B060270	95B060310	
0.201//	PNP	, .				
10-30 Vdc	NO-NC	4 wires	order No.			
10 20 //4	NPN	/iv				
10-30 Vdc	NO-NC	4 wires	order No.			
10. 20.1/dc	אוס איכ	2 mires				
10-30 Vdc	NO-NC	2 wires	order No.			
00.250.1//1/4-	NO	2				
20-250 Vac/Vdc	NO	2 wires	order No.			
20-250 Vac/Vdc	NC	2 wires				
:0-250 Vac/ Vuc	INC	2 WITES	order No.			
20-250 Vac	NO	2/3wires				
:0-250 Vac	NO	Z/ J WIIES	order No.	<del></del>		
0-30 Vdc	Analog	3 wires				
0-30 vac	0-20 mA	2 MILE2	order No.			
NAMUR amplifier	NAMUR	2 wires				
VAIVIOR UITIPIITICI	IVAIVIOIT	2 WIIC3	order No.	<del></del>		
Nominal Voltage				10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	
Residual Ripple				< 10%	10-30 vac (-13710%) < 10%	
lysteresis				< 10%	< 10%	
Nax. Output Currei	nt			200 mA	200 mA	
viax. Output Currei Vin. Output Curre				200 IIIA 	200 IIIA	
Residual Current				< 10 mA	< 10 mA	
/oltage Drop				< 1,8 V (I=100mA)	< 1,8 V (I=100mA)	
peration Led				Yellow	Yellow	
Switching Frequer	ncv			1000 Hz	1000 Hz	
itart Up Delay	,			< 50 ms	< 50 ms	
Repeatability				< 3%	< 3%	
Short Circuit Prote	ection			Present (self-resetting)	Present (self-resetting)	
Electric Protection				Against polarity reversal inductive loads	Against polarity reversal inductive loads	
emperature Limit				(-25 +70 °C)	(-25 +70 °C)	
emperature Limit Protection Degree				(-25 +/0 °C) IP69K	(-25 +/0 °C) IP69K	
able Length						
able Section						
lousing Material				Stainless-Steel	Stainless-Steel	
active face				LCP	LCP	
ightening torque				* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog	
Neight - Cable Out	nut			see page 3 of the inductive sensors catalog		
Weight - Connecto				60 g	60 g	



60 g



SHORT STAIN	LESS STEEL X2
FLUSH	NON FLUSH
M12 conn	M12 conn
4 mm	8 mm
IS-12-01-S2	IS-12-P1-S2
95B060000	95B060040
IS-12-02-S2	IS-12-P2-S2
95B060010	95B060050
IS-12-03-S2	IS-12-P3-S2
95B060020	95B060060
IS-12-04-S2	IS-12-P4-S2
95B060030	95B060070
40 20 1/1 / 45 /40//	40 20 11 / 45 /40%
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 reversal inductive loads	Against polarity reversal inductive loads
(-25 +70 °C)	(-25 +70 °C)
IP69K	IP69K
Stainless-Steel	Stainless-Steel
LCP	LCP
* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog

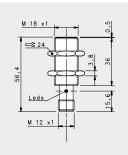
M12 3 pole

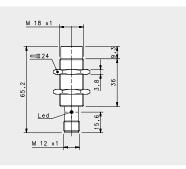


60 g

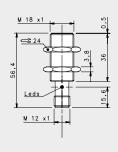
C	ONTACTS	CONFIGU	RATION	
Available	Contacts numbers			
	1	2	3	4
(NO or NC)	+		223	NOING

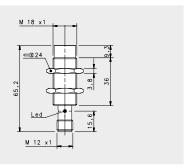






M12 com					SHORT STAINLESS STEEL		
Description							
0-30 Volc   PNP / NPN   NO - NC   PNP   NO - PNP   NO					M12 conn	M12 conn	
0-30 Vot	NOMINAL SWITCH	HING DISTAN	CE		5 mm	8 mm	
NU-NU	40.2014-	PNP/NPN	,				
0-30 Vide NO	10-30 Vac	NO-NC	4 Wires	order No.			
No	10-30 Vdc		3 wires		IS-18-M1-S2	IS-18-N1-S2	
0-30 Vide NC 3 wires order No. 958060330 958060310 0-30 Vide NPN NO 3 wires order No. 958060340 958060380 0-30 Vide NPN NC 3 wires order No. 958060340 958060380 0-30 Vide NPN NC 0 wires order No. 958060360 958060390 0-30 Vide NPN NC 4 wires order No		NO	5 Wiles	order No.			
N.	10-30 Vdc		3 wires				
0-30 Votc NO 3 averse order No. 958060340 958060340 958060340 0-30 Votc NPN NC 3 wires order No. 958060340 958060350 958060350 0-30 Votc NPN NC 4 wires order No. 958060350 958060350 0-30 Votc NO NC 4 wires order No. 958060350 958060350 0-30 Votc NO NC 2 wires order No. 958060350 958060350 0-30 Votc NO NC 2 wires order No. 958060340 958060350 958060350 0-30 Votc NO NC 2 wires order No. 958060340 95806035				order No.			
10-30 Valc	10-30 Vdc		3 wires				
0-30 Vide N° 3 wires order No. 958060390 958060390 968060390 970 0-30 Vide N°				order No.			
0-30 Vdc	10-30 Vdc		3 wires	and an Na			
0-30 Vdc				order No.			
NPN   NO-NC   Wires   Order No.	10-30 Vdc		4 wires	audau Na			
0-30 Vdc NO-NC 4 Wires order No.				order No.			
0-30 Vdc NO-NC 2 wires order No	10-30 Vdc		4 wires	order No			
0-250 Vac /Vdc		IVO-IVC		order No.			
O-250 Var/Vdc	10-30 Vdc	NO-NC	2 wires	order No			
0-250 Vac /Vdc				order No.			
10-250 Var/Vdc	20-250 Vac/Vdc	NO	2 wires	order No			
0-250 Vac /Vdc				order No.			
10-250 Vac	20-250 Vac/Vdc	NC	2 wires	order No			
O-250 Vac				order No.			
Analog	20-250 Vac	NO	2/3 wires	order No			
0-30 Vdc		Analog		order No.			
AMUR amplifier   NAMUR   2 wires   order No.         Iominal Voltage   10-30 Vdc (-15/10%)   10-30 Vdc (-15/10%)     Iominal Voltage   10-30 Vdc (-15/10%)   10-30 Vdc (-15/10%)     Iominal Voltage   10%   10%   10%     Iominal Voltage   10%     Iominal Voltage   10%     Iominal Voltage   10%     Iominal Volta	10-30 Vdc		3 wires	order No			
order No.				oraci ivo.			
10-30 Vdc (-15/10%)	NAMUR amplifier	NAMUR	2 wires	order No.			
lesidual Ripple   September							
Against polarity reversal	Nominal Voltage				10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	
Nax. Output Current  Ain. Output Current   tesidual Current   tesidual Current   tesidual Current   tesidual Current   tesidual Current   toltage Drop   toltage Drop   viltching Frequency  witching Frequency  tart Up Delay   tepeatability   Tesent (self-resetting)  Against polarity reversal inductive loads  remperature Limit   totection Degree  able Length able Length able Section   tousing Material  ctive face  LCP   totel Output   1	Residual Ripple				< 10%	< 10%	
Afin. Output Current  desidual Current  Allo Coltage Drop  Allo Coltag	Hysteresis				< 10%	< 10%	
Sesidual Current   Curre	Max. Output Curre	nt			200 mA	200 mA	
foltage Drop     < 1,8 V ( =100mA)	Min. Output Curre	ent					
Peration Led Witching Frequency Witching Soms  Witching Frequency Witc	Residual Current				< 10 mA	< 10 mA	
witching Frequency tart Up Delay tart Up Delay tepeatability hort Circuit Protection Present (self-resetting) Present (se	Voltage Drop				< 1,8 V (I=100mA)	< 1,8 V (I=100mA)	
tart Up Delay < 50 ms  depeatability < 3%	Operation Led				Yellow	Yellow	
Repeatability As a symbol of the circuit Protection Against polarity reversal inductive loads Against polarity rev	Switching Freque	ncy			1000 Hz	1000 Hz	
hort Circuit Protection Present (self-resetting) Present (self-resetting) Present (self-resetting)  Against polarity reversal inductive loads Protection Protection Present (self-resetting)  Against polarity reversal inductive loads Protection Protection Protection Present (self-resetting) Presen	Start Up Delay				< 50 ms	< 50 ms	
Against polarity reversal inductive loads emperature Limit (-25+70 °C) (-25+70 °C) rotection Degree IP69K IP69K able Length IP69K IP	Repeatability				< 3%	< 3%	
inductive loads emperature Limit  (-25 +70 °C) (-25 +70 °C) Protection Degree IP69K IP69K IP69K able Length IP69K IP69	Short Circuit Prote	ection			Present (self-resetting)	Present (self-resetting)	
Protection Degree IP69K IP69K able Length able Section lousing Material Stainless-Steel Stainless-Steel active face LCP LCP ightening torque * see page 5 of the Inductive Sensors Catalog	Electric Protection	า					
able Length able Section Iousing Material ctive face ightening torque Veight - Cable Output	Temperature Limit						
able Section	-						
Journal Material     Stainless-Steel     Stainless-Steel       JCTP     LCP     LCP       Ightening torque     * see page 5 of the Inductive Sensors Catalog     * see page 5 of the Inductive Sensors Catalog       Veight - Cable Output							
ctive face LCP LCP  ightening torque * see page 5 of the Inductive Sensors Catalog * see page 5 of the Inductive Sensors Catalog  Veight - Cable Output							
ightening torque * see page 5 of the Inductive Sensors Catalog * see page 5 of the Inductive Sensors Catalog  Veight - Cable Output							
Veight - Cable Output							
		tnut			see page 5 of the inductive serisors catalog	see page 5 of the inductive sensors catalog	
		•			95g	95g	





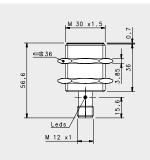
SHORT STAINL	ESS STEEL X2
FLUSH	NON FLUSH
M12 conn	M12 conn
8 mm	14 mm
IS-18-01-S2	IS-18-P1-S2
95B060080	95B060120
IS-18-02-S2	IS-18-P2-S2
95B060090	95B060130
IS-18-03-S2	IS-18-P3-S2
95B060100	95B060140
IS-18-04-S2	IS-18-P4-S2
95B060110	95B060150
	<del></del>
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10-30 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
200 Hz	200 Hz
< 75 ms	< 75 ms
< 3%	< 3%
Present (self-resetting)	Present (self-resetting)
Against polarity reversal inductive loads	Against polarity reversal inductive loads
(-25 +70 °C)	(-25 +70 °C)
IP69K	IP69K
 Chairlean Charl	 Chairlean Chaol
Stainless-Steel LCP	Stainless-Steel LCP
* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog
95g	95g

M12 3 pole

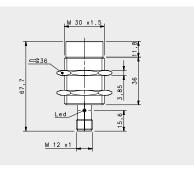


C	ONTACTS	CONFIGU	RATION	
Available		Contacts	numbers	
	1	2	3	4
(NO or NC)	+		777.	NOINC

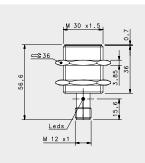




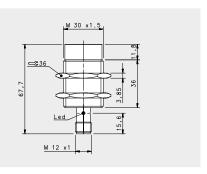
SHORT STAINLESS STEEL



NOMINAL SWITCHING DISTANCE	NON FLUSH  M12  15 mm   IS-30-N1-S2  95B060440  IS-30-N2-S2  95B060450  IS-30-N3-S2  95B060460  IS-30-N4-S2  95B060470
10-30 Vdc	15 mm  IS-30-N1-S2 95B060440 IS-30-N2-S2 95B060450 IS-30-N3-S2 95B060460 IS-30-N4-S2 95B060470
10-30 Vdc	IS-30-N1-S2 95B060440 IS-30-N2-S2 95B060450 IS-30-N3-S2 95B060460 IS-30-N4-S2 95B060470
NO-NC	IS-30-N1-S2 95B060440 IS-30-N2-S2 95B060450 IS-30-N3-S2 95B060460 IS-30-N4-S2 95B060470
10-30 Vdc	IS-30-N1-S2 95B060440 IS-30-N2-S2 95B060450 IS-30-N3-S2 95B060460 IS-30-N4-S2 95B060470
NO	IS-30-N2-S2 95B060450 IS-30-N3-S2 95B060460 IS-30-N4-S2 95B060470
NC	IS-30-N3-S2 95B060460 IS-30-N4-S2 95B060470
0-30 Vdc NO 3 wires order No. 95B060420  0-30 Vdc NPN NC 3 wires order No. 95B060430  0-30 Vdc NO-NC 4 wires order No. 95B060430  0-30 Vdc NO-NC 4 wires order No  0-30 Vdc NO-NC 2 wires order No  0-30 Vdc NO-NC 2 wires order No  0-250 Vac/Vdc NO 2 wires order No	958060460 IS-30-N4-S2 958060470
0-30 Vdc NC 3 wires order No. 95B060430  0-30 Vdc NO-NC 4 wires order No  0-30 Vdc NO-NC 4 wires order No  0-30 Vdc NO-NC 2 wires order No  0-250 Vac/Vdc NO 2 wires order No  0-250 Vac/Vdc NO 2 wires order No  0-30 Vdc NO  0-30 Vdc NO-NC 2 wires order No  0-30 Vdc NO-NC 2 wires order No	95B060470
O-30 Vdc	    
10-30 Vdc	   
0-30 Vdc NO-NC 2 wires order No 0-250 Vac/Vdc NO 2 wires order No 0-250 Vac/Vdc NO 2 wires order No	  
0-250 Vac/Vdc NO 2 wires order No order No order No	
20-250 Vac/Vdc NO 2 wires order No	
20-250 Vac/Vdc NC 2 wires order No	
20-250 Vac NO 2/3 wires order No	
10-30 Vdc Analog 3 wires	
U-2U mA order No	
NAMUR amplifier NAMUR 2 wires order No	
Nominal Voltage 10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
Residual Ripple < 10%	< 10%
lysteresis < 10%	< 10%
Max. Output Current 200 mA	200 mA
Min. Output Current	
Residual Current < 10 mA	< 10 mA
Voltage Drop <1,8 V (I=100mA)	< 1,8 V (I=100mA)
Operation Led Yellow	Yellow
Switching Frequency 300 Hz	300 Hz
Start Up Delay < 50 ms	< 50 ms
Repeatability < 3%	< 3%
Short Circuit Protection Present (self-resetting)  Against polarity reversal	Present (self-resetting)
inductive loads	Against polarity reversal inductive loads
emperature Limit (-25 +70 °C)	(-25 +70 °C)
Protection Degree IP69K	IP69K
Cable Length	
Cable Section	
Housing Material Stainless-Steel	Stainless-Steel
Active face LCP	LCP
Fightening torque * see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog
Weight - Cable Output	
Weight - Connector Output 170 g	170 g



170 g



SHORT STAIN	LESS STEEL X2
FLUSH	NON FLUSH
M12 conn	M12 conn
15 mm	20 mm
IS-30-01-S2	IS-30-P1-S2
95B060160	95B060200
IS-30-02-S2	IS-30-P2-S2
95B060170	95B060210
IS-30-03-S2	IS-30-P3-S2
95B060180	95B060220
IS-30-04-S2	IS-30-P4-S2
95B060190	95B060230
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	<del></del>
	<del></del>
	<del></del>
	<del></del>
10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
< 10%	< 10%
< 10%	< 10%
200 mA	200 mA
	<del></del>
< 10 mA	< 10 mA
< 1,2 V (I=100mA)	< 1,2 V (I=100mA)
Yellow	Yellow
100 Hz	100 Hz
< 75 ms	< 75 ms < 3%
< 3% Present (self-resetting)	< 3%  Present (self-resetting)
Against polarity reversal inductive loads	Against polarity reversal inductive loads
(-25 +70 °C)	(-25 +70 °C)
IP69K	IP69K
Stainless-Steel	Stainless-Steel
LCP	LCP
* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog

M12 3 pole



170 g

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