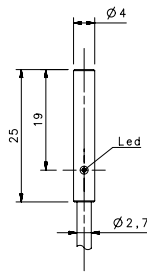


STAINLESS STEEL M4



STANDARD

FLUSH

cable

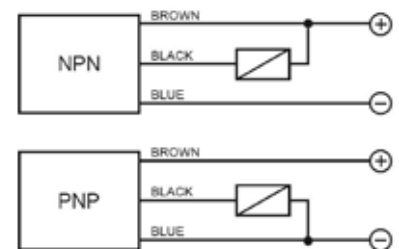
NOMINAL SWITCHING DISTANCE

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.	---

Nominal Voltage	10-30 Vdc (-15/10%)
Residual Ripple	< 10%
Hysteresis	< 15%
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 mm ²
Housing Material	Stainless-Steel
Active face	POM
Tightening torque	---
Weight - Cable Output	50 g
Weight - Connector Output	---

3 wires PNP or NPN

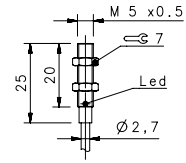
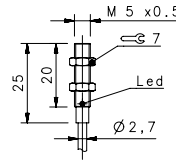
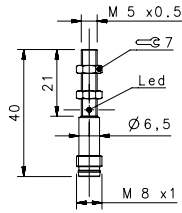


M8 3 pole



Available	Contacts numbers		
	1	3	4
NPV/PNP	+	-	NO/NC

STAINLESS STEEL M5



STANDARD

STANDARD X2

FLUSH

FLUSH

M8 conn

cable

cable

NOMINAL SWITCHING DISTANCE

0,8 mm

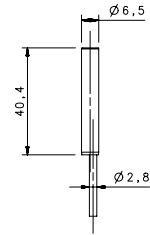
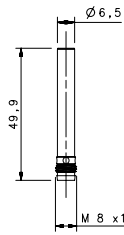
0,8 mm

1,5 mm

10-30 Vdc	PNP/NPN NO-NC	4 wires	order No.	---	---	---
10-30 Vdc	PNP NO	3 wires	order No.	IS-05-A1-S1 95B061051	IS-05-A1-03 95B061041	---
10-30 Vdc	PNP NC	3 wires	order No.	---	---	---
10-30 Vdc	NPN NO	3 wires	order No.	IS-05-A3-S1 95B061031	IS-05-A3-03 95B061021	IS-05-E3-03 95B065400
10-30 Vdc	NPN NC	3 wires	order No.	---	IS-05-A4-03 95B065420	---
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.	---	---	---

	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
Nominal Voltage	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)	10-30 Vdc (-15/10%)
Residual Ripple	< 10%	< 10%	< 10%
Hysteresis	< 15%	< 15%	< 15%
Max. Output Current	100 mA	100 mA	100 mA
Min. Output Current	---	---	---
Residual Current	< 0,01 mA	< 0,01 mA	< 0,01 mA
Voltage Drop	< 1,5V	< 1,5V	< 1,5V
Operation Led	Yellow	Yellow	Yellow
Switching Frequency	2000 Hz	2000 Hz	2000 Hz
Start Up Delay	---	---	---
Repeatability	< 1%	< 1%	---
Short Circuit Protection	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)
Protection Degree	IP69K	IP69K	IP69K
Cable Length	---	2 m (PUR)	2 m (PUR)
Cable Section	---	3x 0,15 mm ²	3x 0,15 mm ²
Housing Material	Stainless-Steel	Stainless-Steel	Stainless-Steel
Active face	POM	POM	POM
Tightening torque	1,5 Nm	1,5 Nm	1,5 Nm
Weight - Cable Output	---	25g	25g
Weight - Connector Output	14g	---	---

STAINLESS STEEL M6,5

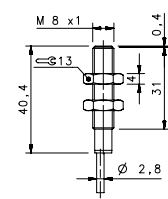
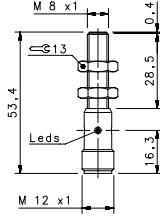
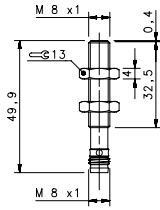


SHORT STAINLESS STEEL

FLUSH

				M8 conn	cable
NOMINAL SWITCHING DISTANCE				1,5 mm	1,5 mm
10-30 Vdc	PNP/NPN NO-NC	4 wires	order No.	---	---
10-30 Vdc	PNP NO	3 wires	order No.	IS-65-M1-S1 95B066080	IS-65-M1-03 95B064760
10-30 Vdc	PNP NC	3 wires	order No.	IS-65-M2-S1 95B066120	IS-65-M2-03 95B064800
10-30 Vdc	NPN NO	3 wires	order No.	IS-65-M3-S1 95B066000	IS-65-M3-03 95B064680
10-30 Vdc	NPN NC	3 wires	order No.	IS-65-M4-S1 95B066040	IS-65-M4-03 95B064720
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.	---	---
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				---	---
Residual Current				< 10 mA	< 10 mA
Voltage Drop				< 1,2 V (I=100mA)	< 1,2 V (I=100mA)
Operation Led				Yellow	Yellow
Switching Frequency				1000 Hz	1000 Hz
Start Up Delay				< 50 ms	< 50 ms
Repeatability				< 3%	< 3%
Short Circuit Protection				Present (self-resetting)	Present (self-resetting)
Electric Protection				Against polarity reversal inductive loads	Against polarity reversal inductive loads
Temperature Limit				(-25 ... +70 °C)	(-25 ... +70 °C)
Protection Degree				IP69K	IP69K
Cable Length				---	---
Cable Section				---	3x 0,14 mm ²
Housing Material				Stainless-Steel	Stainless-Steel
Active face				LCP	LCP
Tightening torque				---	---
Weight - Cable Output				---	80 g
Weight - Connector Output				40 g	---

STAINLESS STEEL M8



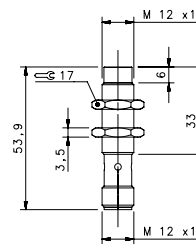
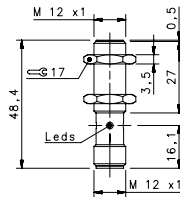
SHORT STAINLESS STEEL

FLUSH

				M8 conn	M12 conn	cable
				1,5 mm	1,5 mm	1,5 mm
10-30 Vdc	PNP/NPN NO-NC	4 wires	order No.	---	---	---
10-30 Vdc	PNP NO	3 wires	order No.	IS-08-M1-S1 95B066870	IS-08-M1-S2 95B066600	IS-08-M1-03 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
10-30 Vdc	NPN NC	3 wires	order No.	IS-08-M4-S1 95B066840	IS-08-M4-S2 95B066570	IS-08-M4-03 95B066360
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.	---	---	---

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	200 mA	200 mA	200 mA
Min. Output Current	---	---	---
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 Frequency	1000 Hz	1000 Hz	1000 Hz
Start Up Delay	< 50 ms	< 50 ms	< 50 ms
Repeatability	< 3%	< 3%	< 3%
Short Circuit Protection	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)
Protection Degree	IP69K	IP69K	IP69K
Cable Length	---	---	---
Cable Section	---	---	3x 0,14 mm ²
Housing Material	Stainless-Steel	Stainless-Steel	Stainless-Steel
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 Catalog
Weight - Cable Output	---	---	80 g
Weight - Connector Output	35g	55g	---

STAINLESS STEEL M12

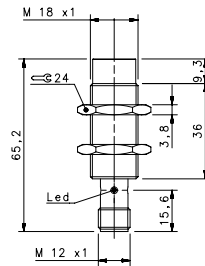
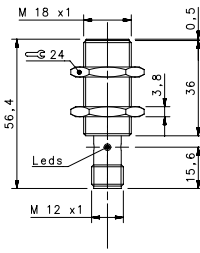


SHORT STAINLESS STEEL

				FLUSH	NON FLUSH
				M12 conn	M12 conn
NOMINAL SWITCHING DISTANCE				2 mm	4 mm
10-30 Vdc	PNP/NPN NO-NC	4 wires	order No.	---	---
10-30 Vdc	PNP NO	3 wires	order No.	IS-12-M1-S2 95B060240	IS-12-N1-S2 95B060280
10-30 Vdc	PNP NC	3 wires	order No.	IS-12-M2-S2 95B060250	IS-12-N2-S2 95B060290
10-30 Vdc	NPN NO	3 wires	order No.	IS-12-M3-S2 95B060260	IS-12-N3-S2 95B060300
10-30 Vdc	NPN NC	3 wires	order No.	IS-12-M4-S2 95B060270	IS-12-N4-S2 95B060310
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.	---	---

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	---	---
Residual Current	< 10 mA	< 10 mA
Voltage Drop	< 1,8 V (I=100mA)	< 1,8 V (I=100mA)
Operation Led	Yellow	Yellow
Switching Frequency	1000 Hz	1000 Hz
Start Up Delay	< 50 ms	< 50 ms
Repeatability	< 3%	< 3%
Short Circuit Protection	Present (self-resetting)	Present (self-resetting)
Electric Protection	Against polarity reversal inductive loads	Against polarity reversal inductive loads
Temperature 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
Tightening torque	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog
Weight - Cable Output	---	---
Weight - Connector Output	60 g	60 g

STAINLESS STEEL M30



SHORT STAINLESS STEEL

FLUSH

NON FLUSH

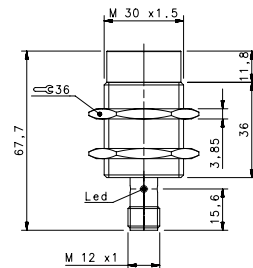
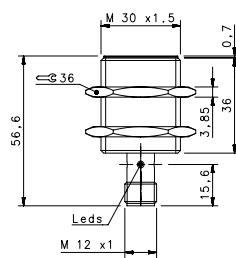
M12 conn

M12 conn

NOMINAL SWITCHING DISTANCE

			5 mm	8 mm
10-30 Vdc	PNP/NPN NO-NC	4 wires	---	---
		order No.	---	---
10-30 Vdc	PNP NO	3 wires	IS-18-M1-S2	IS-18-N1-S2
		order No.	95B060320	95B060360
10-30 Vdc	PNP NC	3 wires	IS-18-M2-S2	IS-18-N2-S2
		order No.	95B060330	95B060370
10-30 Vdc	NPN NO	3 wires	IS-18-M3-S2	IS-18-N3-S2
		order No.	95B060340	95B060380
10-30 Vdc	NPN NC	3 wires	IS-18-M4-S2	IS-18-N4-S2
		order No.	95B060350	95B060390
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.	---	---
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			---	---
Residual Current			< 10 mA	< 10 mA
Voltage Drop			< 1,8 V (I=100mA)	< 1,8 V (I=100mA)
Operation Led			Yellow	Yellow
Switching Frequency			1000 Hz	1000 Hz
Start Up Delay			< 50 ms	< 50 ms
Repeatability			< 3%	< 3%
Short Circuit Protection			Present (self-resetting)	Present (self-resetting)
Electric Protection			Against polarity reversal inductive loads	Against polarity reversal inductive loads
Temperature 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
Tightening torque			* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog
Weight - Cable Output			---	---
Weight - Connector Output			95g	95g

STAINLESS STEEL M30



SHORT STAINLESS STEEL

				FLUSH	NON FLUSH
				M12 conn	M12
NOMINAL SWITCHING DISTANCE				10 mm	15 mm
10-30 Vdc	PNP/NPN NO-NC	4 wires	order No.	---	---
10-30 Vdc	PNP NO	3 wires	order No.	IS-30-M1-S2 95B060400	IS-30-N1-S2 95B060440
10-30 Vdc	PNP NC	3 wires	order No.	IS-30-M2-S2 95B060410	IS-30-N2-S2 95B060450
10-30 Vdc	NPN NO	3 wires	order No.	IS-30-M3-S2 95B060420	IS-30-N3-S2 95B060460
10-30 Vdc	NPN NC	3 wires	order No.	IS-30-M4-S2 95B060430	IS-30-N4-S2 95B060470
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.	---	---
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				---	---
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)	Present (self-resetting)
Electric Protection				Against polarity reversal inductive loads	Against polarity reversal inductive loads
Temperature 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
Tightening 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

Stainless Steel housing

Stainless Steel AISI 303 active face

Standard length

2 ... 8 mm

M12, M18

M12 connector

3 wires

PNP, NO

IP67 protection

REDUCTION FACTOR

	ALUMINUM (25°C)	STAINLESS STEEL AISI316L	COPPER	BRASS
Average red. Fact.	0,45	0,85	0,4	0,5

CE