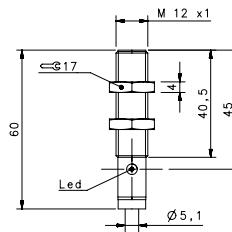
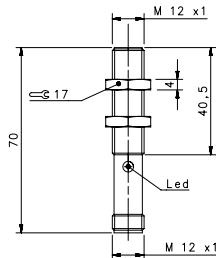


INDUCTIVE AC M12



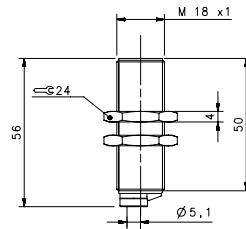
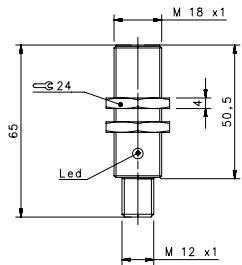
STANDARD VAC

FLUSH

NOMINAL SWITCHING DISTANCE				M12 conn	cable
				2 mm	2 mm
10-30 Vdc	PNP/NPN NO-NC	4 wires	order No.	---	---
10-30 Vdc	PNP NO	3 wires	order No.	---	---
10-30 Vdc	PNP NC	3 wires	order No.	---	---
10-30 Vdc	NPN NO	3 wires	order No.	---	---
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.	IS-12-A15-S2 95B060690	IS-12-A15-03 95B060680
10-30 Vdc	Analog 0-20 mA	3 wires	order No.	---	---
NAMUR amplifier	NAMUR	2 wires	order No.	---	---

Nominal Voltage	20+250 Vac (50,60 Hz)	20+250 Vac (50,60 Hz)
Residual Ripple	< 10%	< 10%
Hysteresis	< 10%	< 10%
Max. Output Current	500 mA, inrush:1,5A	500 mA, inrush:1,5A
Min. Output Current	20 mA	20 mA
Residual Current	< 0,7 mA	< 0,7 mA
Voltage Drop	< 4 V (I=100mA)	< 4 V (I=100mA)
Operation Led	Yellow	Yellow
Switching Frequency	25 Hz	25 Hz
Start Up Delay	< 300 ms	< 300 ms
Repeatability	5%	5%
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	IP67	IP67
Cable Length	---	2 m
Cable Section	---	2 x 0,25 mm ²
Housing Material	Nickel-plated brass	Nickel-plated brass
Active face	PA 16	PA 16
Tightening torque	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog
Weight - Cable Output	---	145g
Weight - Connector Output	95g	---

INDUCTIVE AC M18



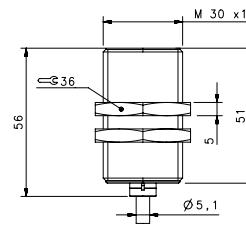
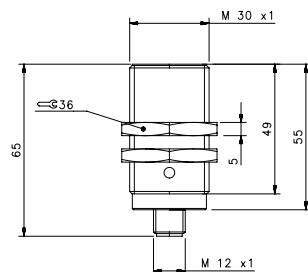
STANDARD VAC

FLUSH

NOMINAL SWITCHING DISTANCE				M12 conn	cable
				5 mm	5 mm
10-30 Vdc	PNP/NPN NO-NC	4 wires	order No.	---	---
10-30 Vdc	PNP NO	3 wires	order No.	---	---
10-30 Vdc	PNP NC	3 wires	order No.	---	---
10-30 Vdc	NPN NO	3 wires	order No.	---	---
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.	IS-18-A15-S2 95B060780	IS-18-A15-03 95B060770
10-30 Vdc	Analog 0-20 mA	3 wires	order No.	---	---
NAMUR amplifier	NAMUR	2 wires	order No.	---	---

Nominal Voltage	20+250 Vac (50,60 Hz)	20+250 Vac (50,60 Hz)
Residual Ripple	< 10%	< 10%
Hysteresis	< 10%	< 10%
Max. Output Current	500 mA, inrush:1,5A	500 mA, inrush:1,5A
Min. Output Current	20 mA	20 mA
Residual Current	< 0,7 mA	< 0,7 mA
Voltage Drop	< 4 V (I=100mA)	< 4 V (I=100mA)
Operation Led	Yellow	Yellow
Switching Frequency	25 Hz	25 Hz
Start Up Delay	< 300 ms	< 300 ms
Repeatability	5%	5%
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	IP67	IP67
Cable Length	---	2 m
Cable Section	---	2 x 0,25 mm ²
Housing Material	Nickel-plated brass	Nickel-plated brass
Active face	PA 16	PA 16
Tightening torque	* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog
Weight - Cable Output	---	145g
Weight - Connector Output	95g	---

INDUCTIVE AC M30

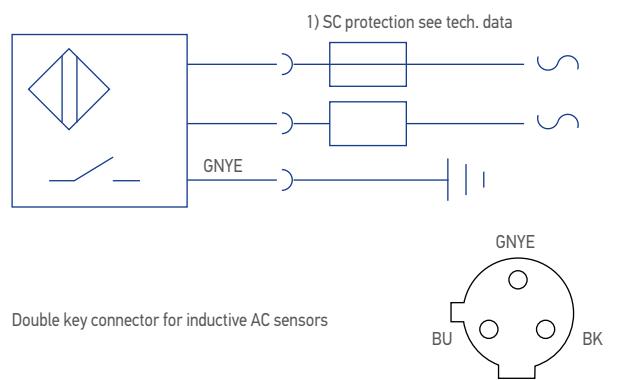


STANDARD VAC

FLUSH

NOMINAL SWITCHING DISTANCE			10 mm	10 mm
10-30 Vdc	PNP/NPN NO-NC	4 wires	M12 conn	cable
10-30 Vdc	PNP NO	3 wires	---	---
10-30 Vdc	PNP NC	3 wires	---	---
10-30 Vdc	NPN NO	3 wires	---	---
10-30 Vdc	NPN NC	3 wires	---	---
10-30 Vdc	PNP NO-NC	4 wires	---	---
10-30 Vdc	NPN NO-NC	4 wires	---	---
10-30 Vdc	NO-NC	2 wires	---	---
20-250 Vac/Vdc	NO	2 wires	---	---
20-250 Vac/Vdc	NC	2 wires	---	---
20-250 Vac	NO	2/3 wires	IS-30-A15-S2 95B060820	IS-30-A15-03 95B060810
10-30 Vdc	Analog 0-20 mA	3 wires	---	---
NAMUR amplifier	NAMUR	2 wires	---	---
Nominal Voltage			20+250 Vac (50,60 Hz)	20+250 Vac (50,60 Hz)
Residual Ripple			< 10%	< 10%
Hysteresis			< 10%	< 10%
Max. Output Current			500 mA, inrush:1,5A	500 mA, inrush:1,5A
Min. Output Current			20 mA	20 mA
Residual Current			< 0,7 mA	< 0,7 mA
Voltage Drop			< 4 V (I=100mA)	< 4 V (I=100mA)
Operation Led			Yellow	Yellow
Switching Frequency			25 Hz	25 Hz
Start Up Delay			< 300 ms	< 300 ms
Repeatability			5%	5%
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			IP67	IP67
Cable Length			---	2 m
Cable Section			---	2 x 0,25 mm ²
Housing Material			Nickel-plated brass	Nickel-plated brass
Active face			PA 16	PA 16
Tightening torque			* see page 5 of the Inductive Sensors Catalog	* see page 5 of the Inductive Sensors Catalog
Weight - Cable Output			---	145g
Weight - Connector Output			95g	---

Inductive AC



Stainless Steel housing

LCP active face

Short length

Operating distance 0.8 ... 15 mm

M5, M8, M12, M30

Cable, M8 or M12 connector

2 wires

IP67 protection

REDUCTION FACTOR

	ALUMINUM (25°C)	STAINLESS STEEL AISI316L	COPPER	BRASS
FLUSH	0,3...0,5	0,7...0,9	0,2...0,5	0,4...0,6
NON-FLUSH	0,4...0,6	0,7...1,05	0,4...0,5	0,5...0,7



M12/18/30 FLUSH models are ATEX certified

II 3G EX nA II T6

II 3D EX tD A22 IP67 T85°C