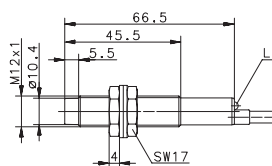
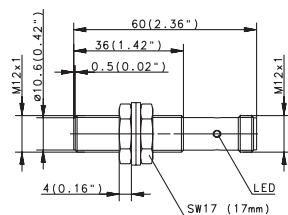
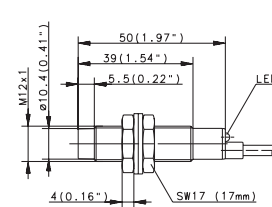
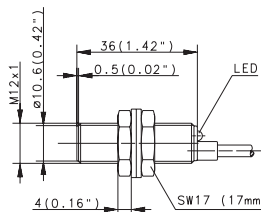
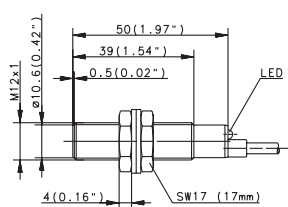


Inductive Sensors (Type M12)

Type	M12		M12		M12	
Type of installation	Flush	Flush	Flush	Non-flush	Non-flush	
Nominal sensing distance	4 mm	4 mm	4 mm	4 mm	4 mm	
Type of connection	Cable 2 m	Connector M12	Cable 2 m	Cable 2 m	Cable 2 m	
Special feature	Sensing dist.	Sensing dist.	Sensing dist.			



PNP	DC	NO contact	6502903025 KIB-M12PS/004-KL2E	6502943015 KIB-M12PS/004-KLS12E	6502903023 KIB-M12PS/004-KL2VE	6932904001 KIN-M12PS/004-KL2	6932704001 KIN-M12PÖ/004-KL2
		Type NC contact Type Antivalent NO/NC					
NPN	DC	NO contact				6932304001 KIN-M12NS/004-KL2	6932104001 KIN-M12NÖ/004-KL2
		Type NC contact Type Antivalent NO/NC					
PNP/NPN	DC	NO/NC prog. push-pull operation					
NAMUR	DC						
Analogue	DC						
2-wire	DC	NO contact NC contact					6503504001 KIN-M12AS/004-L2 6503404001 KIN-M12AÖ/004-L2
	AC	NO contact Type NC contact Type Changeover contact					

Technical data

Rated operating voltage	U_B	10–30 VDC	10–36 VDC	10–36 VDC	10–36 VDC	76–250 V AC
Rated operating current	I_B	≤ 200 mA	≤ 200 mA	≤ 200 mA	≤ 200 mA	≤ 200 mA
Switching frequency (max)	F	800 Hz	800 Hz	800 Hz	400 Hz	≈ 10 Hz
Short circuit-protection		Cyclic	Cyclic	Cyclic	Cyclic	–
Function/operating voltage indicator		LED/–	LED/–	LED/–	LED/–	LED/–
Sensing distance, adjustable						

Mechanical data

Ambient temperature (min/max)		–25°C/+70°C	–25°C/+70°C	–25°C/+70°C	–25°C/+70°C	–25°C/+70°C
Protection class in accordance with IEC 529, EN 60529		IP67	IP67	IP67	IP67	IP67
Enclosure material		CuZn39Pb3	CuZn39Pb3	CuZn39Pb3	CuZn39Pb3	CuZn39Pb3
Connection		3 x 0.14 mm ²	M12 x 1	3 x 0.14 mm ²	3 x 0.14 mm ²	2 x 0.14 mm ²

Please refer to Accessories for cable couplers, mounting brackets and sensor tester.

