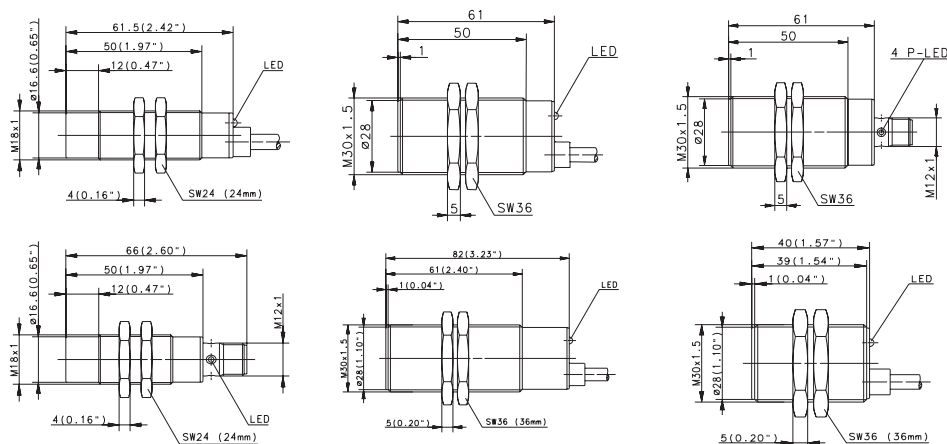


Inductive Sensors (Type M18, M30)

Type	M18		M30		M30	
Type of installation	Non-flush	Non-flush	Flush	Flush	Flush	Flush
Nominal sensing distance	16 mm	16 mm	10 mm	10 mm	10 mm	10 mm
Type of connection	Cable 2 m	Connector M12	Cable 2 m	Cable 2 m	Connector M12	Cable 2 m
Special feature	Sensing dist.	Sensing dist.				



PNP	DC	NO contact Type NC contact Type Antivalent NO/NC	6502906018 KIN-M18PS/016-KL2E	6502941004 KIN-M18PS/016-KLS12E	6932907001 KIN-M18PS/016-KLS12E	6932907002 KIB-M30PS/010-KLS12	6502907003 KIB-M30PS/010-KL2V 6502707001 KIB-M30PÖ/010-KL2V
NPN	DC	NO contact Type NC contact Antivalent NO/NC					
PNP/NPN	DC	NO/NC prog. Type push-pull operation					
NAMUR	DC						
Analogue	DC	Type					
2-wire	DC	NO contact NC contact Type					
	AC	NO contact Type NC contact Type Changeover contact			6503507378 KIB-M30AS/010-L2 6503407240 KIB-M30AÖ/010-L2		

Technical data

Rated operating voltage	U_B	10–36 VDC	10–36 VDC	10–36 VDC	20–250 V AC	10–36 VDC	10–60 VDC
Rated operating current	I_B	200 mA	200 mA	200 mA	400 mA	200 mA	200 mA
Switching frequency (max)	F	200 Hz	200 Hz	300 Hz	10 Hz	300 Hz	300 Hz
Short circuit-protection		Cyclic	Cyclic	Cyclic	–	Cyclic	Cyclic
Function/operating voltage indicator		LED/–	LED/–	LED/–	LED/–	LED/–	LED/–
Sensing distance, adjustable							

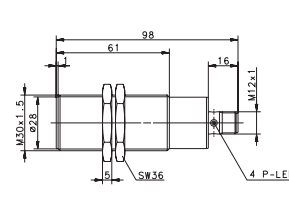
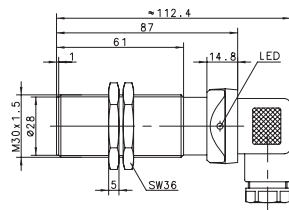
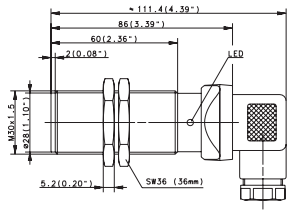
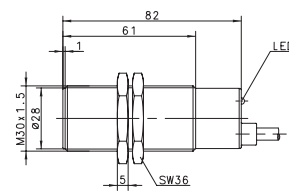
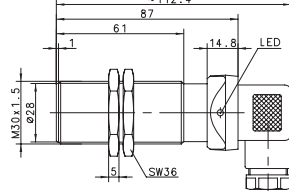
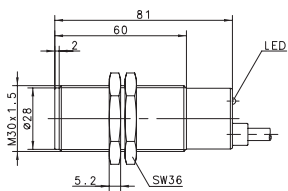
Mechanical data

Ambient temperature (min/max)	–25°C/+70°C	–25°C/+70°C	–25°C/+70°C	–25°C/+70°C	–25°C/+70°C	–25°C/+70°C
Protection class in accordance with IEC 529, EN 60529	IP67	IP67	IP67	IP67	IP67	IP67
Enclosure material	CuZn39Pb3	CuZn39Pb3	CuZn39Pb3	CuZn39Pb3	CuZn39Pb3	CuZn39Pb3
Connection	3 x 0.5 mm ²	M12 x 1	3 x 0.5 mm ²	2 x 0.5 mm ²	M12 x 1	3 x 0.5 mm ²

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



M30	M30	M30	
Flush	Flush	Flush	Flush
10 mm	10 mm	10 mm	10 mm
Cable 2 m	DIN Connector	DIN Connector	DIN Connector
Plastic	Plastic	Temperature	Temperature



6502722708 KIB-T30PÖ/010-KL2		6502939001 KIB-M30PS/010-KLSD		6502907013 KIB-M30PS/010-KL2PUT	6502939006 KIB-M30PS/010-KLS12T		
	6502822862 KIB-T30PP/010-KLSD						
			6503535960 KIB-M30AS/010-LSD 6503435959 KIB-M30AÖ/010-LSD				

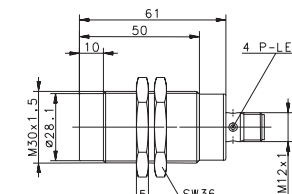
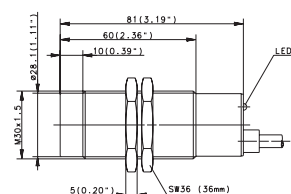
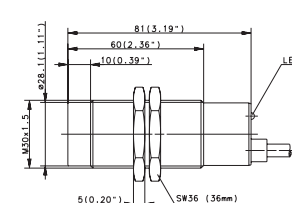
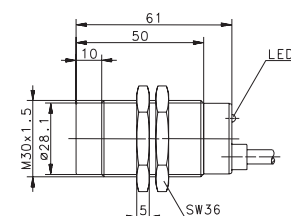
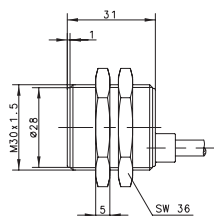
10–60 VDC	10–60 VDC	10–60 VDC	20–265 V AC	10–30 VDC	10–30 VDC	
200 mA	200 mA	200 mA	500 mA	200 mA	200 mA	
300 Hz	300 Hz	300 Hz	20 Hz	300 Hz	300 Hz	
Cyclic	Cyclic	Cyclic	–	Cyclic	Cyclic	
LED/–	LED/–	LED/–	LED/–	LED/–	LED/–	

–25°C/+70°C	–25°C/+70°C	–25°C/+70°C	–25°C/+70°C	–40°C/+100°	–40°C/+100°	
IP67	IP65	IP65	IP65	IP67	IP67	
PA, red	PA, red	CuZn39Pb3	CuZn39Pb3	CuZn39Pb3	CuZn39Pb3	
3 x 0.5 mm ²	DIN 43650	DIN 43650	DIN 43650	3 x 0.5 mm ²	M12 x 1	



Inductive Sensors (Type M30)

Type	M30	M30	M30	M30
Type of installation	Flush	Non-flush	Non-flush	Non-flush
Nominal sensing distance	10 mm	15 mm	15 mm	15 mm
Type of connection	Cable 2 m	Cable 2 m	Cable 2 m	Connector M12
Special feature	NAMUR			



PNP	DC	NO contact Type NC contact Type Antivalent NO/NC Type	6932908001 KIN-M30PS/015-KL2	6502908002 KIN-M30PS/015-KL2	6932908002 KIN-M30PS/015-KLS12 6602308459 KIN-M30NS/015-KLS12
NPN	DC	NO contact Type NC contact Type Antivalent NO/NC		6502808001 KIN-M30PU/015-KL2	
PNP/NPN	DC	NO/NC prog. Type push-pull operation		6502308001 KIN-M30NS/015-KL2	
NAMUR	DC	Type	6501699012 KIB-M30EA/010-2		
Analogue	DC	Type			
2-wire	DC	NO contact NC contact Type			6503508246 KIN-M30AS/015-L2,5
	AC	NO contact NC contact Changeover contact			

Technical data

Rated operating voltage	U_B	5–25 VDC	10–36 VDC	10–60 VDC	20–250 V AC	10–36 VDC
Rated operating current	I_B	–	200 mA	200 mA	400 mA	200 mA
Switching frequency (max)	F	300 Hz	100 Hz	100 Hz	10 Hz	100 Hz
Short circuit-protection		–	Cyclic	Cyclic	–	Cyclic
Function/operating voltage indicator		–/–	LED/–	LED/–	LED/–	LED/–
Sensing distance, adjustable						

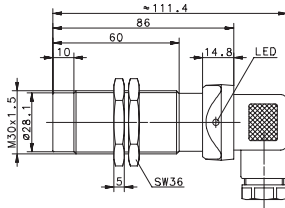
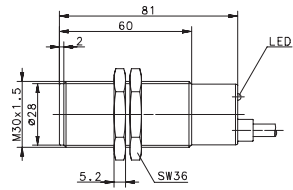
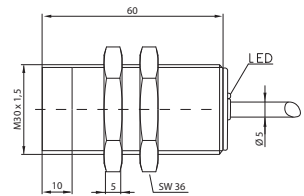
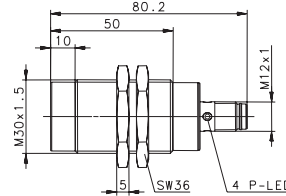
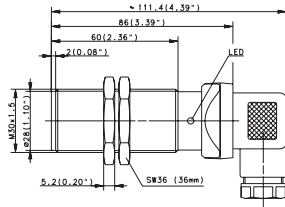
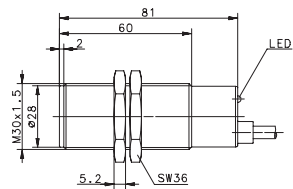
Mechanical data

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	2 x 0.5 mm ²	3 x 0.5 mm ²	3 x 0.5 mm ²	2 x 0.5 mm ²	M12 x 1

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



M30		M30		M30	M30
Non-flush 15 mm	Non-flush 15 mm	Non-flush 15 mm	Non-flush 15 mm	Non-flush 15 mm	Non-flush 40 mm
Cable 2 m	Cable 2.5 m	DIN Connector	DIN Connector	Connector M12	Cable 2 m
Plastic	Plastic	Plastic		Analogue	Sensing dist.



6502923981 KIN-T30PS/015-KL2			6502935001 KIN-M30PS/015-KLSD			6502908009 KIN-M30PS/040-KL2E	
		6502836860 KIN-T30PP/015-KLSD					
				6502008001 KIN-M30PA/015-2			
	6503523956 KIN-T30AS/015-L2,5						

10-60 VDC 200 mA	20-250 V AC 400 mA	10-60 VDC 200 mA	10-60 VDC 200 mA	10-36 VDC 200 mA	10-30 VDC 200 mA
100 Hz	10 Hz	100 Hz	100 Hz	100 Hz	100 Hz
Cyclic	-	Cyclic	Cyclic	Cyclic	Cyclic
LED/-	LED/-	LED/-	LED/-	LED/-	LED/-

-25°C/+70°C	-25°C/+70°C	-25°C/+70°C	-25°C/+70°C	-25°C/+70°C	-25°C/+70°C
IP67	IP67	IP65	IP65	IP67	IP67
PA, red	PA, red	PA, red	CuZn39Pb3	CuZn39Pb3	CuZn39Pb3
3 x 0.5 mm²	2 x 0.5 mm²	DIN 43650	DIN 43650	M12 x 1	3 x 0.34 mm²

