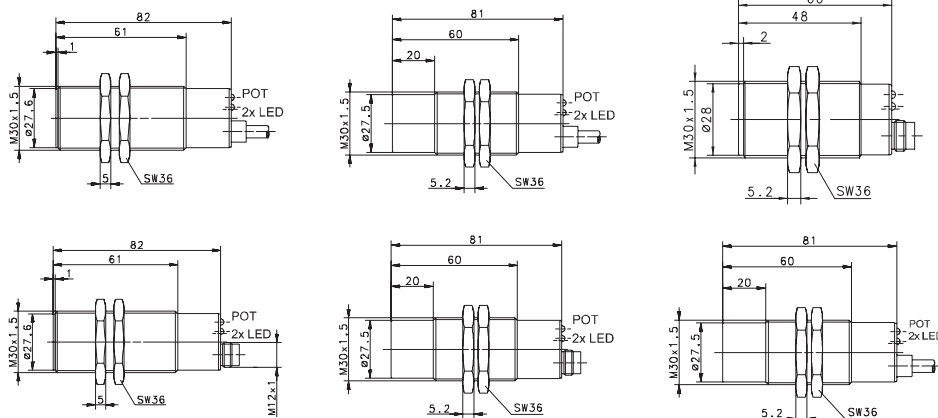


Capacitive Sensors (Type M30, M32)

Type	M30		M30		M30	
Type of installation	Flush	Flush	Non-flush	Non-flush	Non-flush	Non-flush
Nominal sensing distance	10 mm	10 mm	20 mm	20 mm	20 mm	20 mm
Type of connection	Cable 2 m	Connector M12	Cable 2 m	Connector M12	Connector M12	Cable 2 m
Special feature					Short form	



PNP	DC	NO contact Type NC contact Antivalent NO/NC Type	6507907001 KCB-M30PS/010-KLP2	6507907004 KCB-M30PS/010-KLPS12	6507923727 KCN-T30PS/020-KLP2	6507923004 KCN-T30PS/020-KLPS12	6507923006 KCN-T30PS/020-KLPS12V
NPN	DC	NO contact Type NC contact Antivalent NO/NC Type	6507707001 KCB-M30PÖ/010-KLP2		6507323001 KCN-T30NS/020-KLP2		
PNP/NPN	DC	NO/NC prog. Type push-pull operation Type					
NAMUR	DC						
Analogue	DC						
2-wire	DC	NO contact NC contact					
	AC	NO contact Type NC contact Type Changeover contact Type					6508523001 KCN-T30AS/020-LP2 6508423001 KCN-T30AÖ/020-LP2

Technical data

Rated operating voltage	U_B	10–60 VDC	10–60 VDC	10–60 VDC	10–60 VDC	10–60 VDC	20–250 V AC
Rated operating current	I_B	400 mA	400 mA	400 mA	400 mA	400 mA	300 mA
Switching frequency (max)	F	25 Hz	25 Hz	25 Hz	25 Hz	25 Hz	15 Hz
Short circuit-protection		Cyclic	Cyclic	Cyclic	Cyclic	Cyclic	–
Function/operating voltage indicator		LED/LED	LED/LED	LED/LED	LED/LED	LED/LED	LED/LED
Sensing distance, adjustable		Poti	Poti	Poti	Poti	Poti	Poti

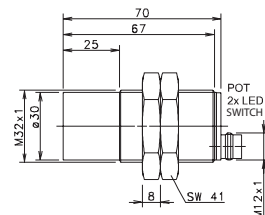
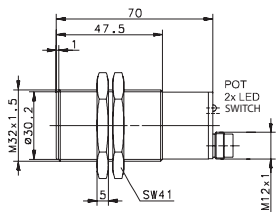
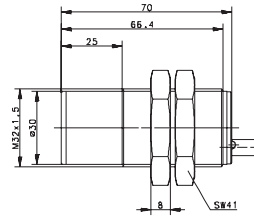
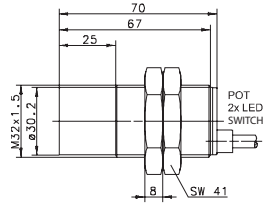
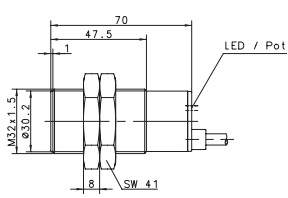
Mechanical data

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		IP65	IP65	IP65	IP65	IP65	IP65
Enclosure material		CuZn39Pb3	CuZn39Pb3	PBT, black	PBT, black	PBT, black	PBT, black
Connection		3 x 0.5 mm ²	M12 x 1	3 x 0.5 mm ²	M12 x 1	M12 x 1	2 x 0.5 mm ²

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



M32		M32		M32	
Flush	Flush	Non-flush	Non-flush	Non-flush	
15 mm	15 mm	30 mm	30 mm	30 mm	
Cable 6 m	Connector M12	Cable 2 m	Connector M12	Cable 2 m	
				Timer/Relay	



6507013013	6507013015	6507013001	6507013004		
KCB-M32DP/015-KLP6	KCB-M32DP/015-KLPS12	KCN-T32DP/030-KLP2	KCN-T32DP/030-KLPS12		
6507013012					
KCB-M32GP/015-KLP2					
				6508613001	
				KCN-T32RU/030-LP2	

10-60 VDC	10-60 VDC	10-60 VDC	10-60 VDC	180-250 V AC
400 mA	400 mA	400 mA	400 mA	8 A
25 Hz	25 Hz	25 Hz	25 Hz	-
Cyclic	Cyclic	Cyclic	Cyclic	-
LED/LED	LED/-	LED/-	LED/-	LED/LED
Poti	Poti	Poti	Poti	Poti

-25°C/+70°C	-25°C/+70°C	-25°C/+70°C	-25°C/+70°C	-25°C/+70°C
IP65	IP65	IP65	IP65	IP65
CuZn39Pb3	CuZn39Pb3	PBT, black	PBT, black	PBT, black
3 x 0.5 mm ²	M12 x 1	3 x 0.5 mm ²	M12 x 1	5 x 0.5 mm ²

