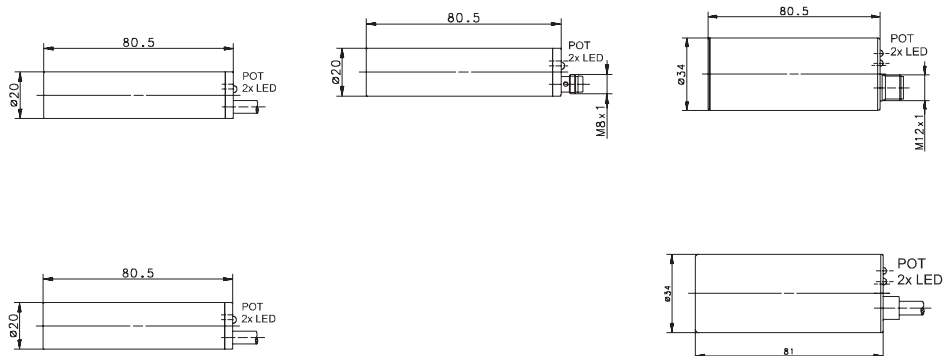


Capacitive Sensors (Type Ø 20 mm, Ø 34 mm, E50, E68)

Type	Ø 20 mm		Ø 20 mm	Ø 34 mm	
Type of installation	Non-flush	Non-flush	Non-flush	Flush	Non-flush
Nominal sensing distance	15 mm	15 mm	15 mm	20 mm	30 mm
Type of connection	Cable 2 m	Cable 2 m	Connector M8	Connector M12	Cable 2 m
Special feature					



PNP	DC	NO contact Type NC contact Antivalent NO/NC	6507910001 KCN-R20PS/015-KLP2	6507910004 KCN-R20PS/015-KLP5M8	6507915006 KCB-D34PS/020-KLPS12	6507915001 KCN-R34PS/030-KLP2
NPN	DC	NO contact Type NC contact Antivalent NO/NC				6507315001 KCN-R34NS/030-KLP2
PNP/NPN	DC	NO/NC prog. push-pull operation				
NAMUR	DC					
Analogue	DC					
2-wire	DC	NO contact NC contact				
	AC	NO contact Type NC contact Type Changeover contact	6508410001 KCN-R20AÖ/015-LP2			

Technical data

Rated operating voltage	U_B	10–60 VDC	20–250 V AC	10–60 VDC	10–60 VDC	10–60 VDC
Rated operating current	I_B	400 mA	300 mA	400 mA	200 mA	400 mA
Switching frequency (max)	F	25 Hz	15 Hz	25 Hz	25 Hz	25 Hz
Short circuit-protection		Cyclic	–	Cyclic	Cyclic	Cyclic
Function/operating voltage indicator		LED/LED	LED/LED	LED/LED	LED/LED	LED/LED
Sensing distance, adjustable		Poti	Poti	Poti	Poti	Poti

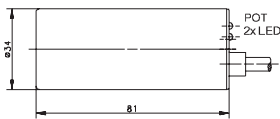
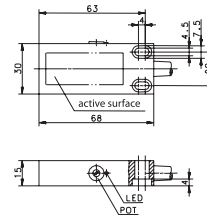
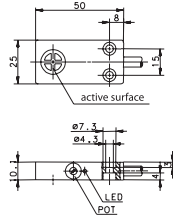
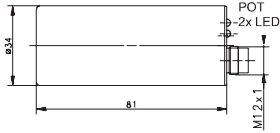
Mechanical data

Ambient temperature (min/max)		–25°C/+70°C	–25°C/+70°C	–25°C/+70°C	–25°C/+70°C	–25°C/+70°C
Protection class in accordance with IEC 529, EN 60529		IP65	IP65	IP65	IP65	IP65
Enclosure material		PBT, red	PBT, red	PBT, red	CuZn39Pb3	PBT, red
Connection		3 x 0.5 mm ²	2 x 0.5 mm	M8 x 1	M12 x 1	3 x 0.5 mm ²

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



Ø 34 mm		E50	E68	
Non-flush 30 mm	Non-flush 30 mm	Flush 8 mm	Flush 10 mm	
Connector M12	Cable 2 m	Cable 2 m	Cable 2 m	



6507915004 KCN-R34PS/030-KLPS12		6507990001 KCB-E50PS/008-KLP2	6507956001 KCB-E68PS/010-KLP2		
		6507390001 KCB-E50NS/008-KLP2			
	6508515001 KCN-R34AS/030-LP2 6508415001 KCN-R34AÖ/030-LP2				

10–60 VDC	20–250 V AC	10–36 VDC	10–36 VDC	
400 mA	300 mA	200 mA	200 mA	
25 Hz	15 Hz	25 Hz	25 Hz	
Cyclic	–	Cyclic	Cyclic	
LED/LED	LED/LED	LED/–	LED/–	
Poti	Poti	Poti	Poti	

–25°C/+70°C	–25°C/+70°C	–25°C/+70°C	–25°C/+70°C	
IP65	IP65	IP65	IP65	
PBT, red	PBT, red	PBT, black	PBT, black	
M12 x 1	2 x 0.5 mm ²	3 x 0.34 mm ²	3 x 0.5 mm ²	

