

Capacitive Sensors

Series 80 - PNP

Housing Sensor M 12 x 1

Amplifier 40 x 12 x 26 mm

- Housing material: Stainless steel VA / PA
- Sensing distance 0...4 mm
- Sensor and amplifier fix connected with 400 mm Triax-cable

Certificate:

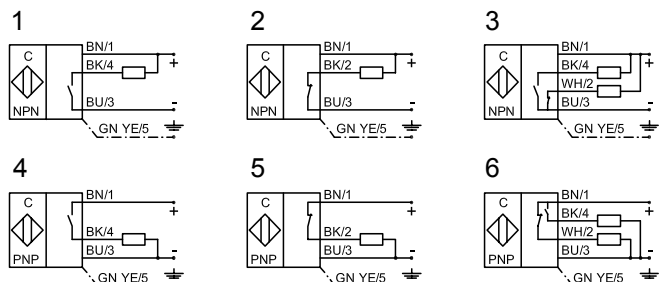
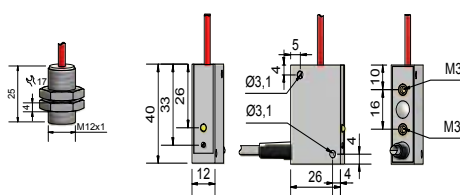


Technical data

Flush mountable

Operating distance S_n	2 mm
Operating distance min. / max. adjustable	0...4 mm
Electrical version	3-wire DC
Output	NO
Type NPN	
Art.-No.	
Connection diagram No.	
Type PNP	
KAS-80-C-M12/25-S	
Art.-No.	
833 400	
Connection diagram No.	
4	
Operating voltage (U_B)	10...35 V DC
Output current max. (I_o)	250 mA
Voltage drop max. (U_o)	≤ 2.5 V
Permitted residual ripple max.	10 %
No-load current (I_o)	Typ. 10 mA
Frequency of operating cycles max.	50 Hz
Permitted ambient temperature (sensor)	-55...+125 °C
Permitted ambient temperature (amplifier)	-25...+70 °C
LED-display	Yellow
Protective circuit	Built-in
Degree of protection IEC 60529	IP 67
Norm	EN 60947-5-2
Connection cable (sensor)	0.4 m, triax-cable
Connection cable (amplifier)	2 m, PVC, 4 x 0.14 mm ²
Housing material (sensor)	VA No. 1.4305
Housing materia (amplifier)	PA
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PTFE (FDA 21 CFR 177.1550)

All specifications are subject to change without notice. (30.08.2011)



Made in Germany