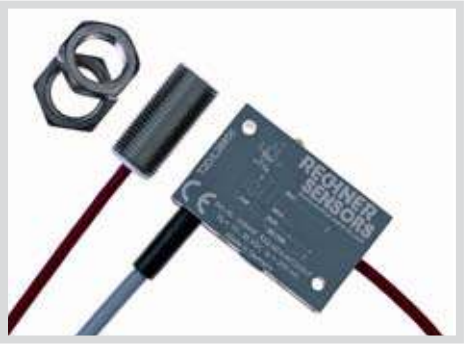


Capacitive Sensors

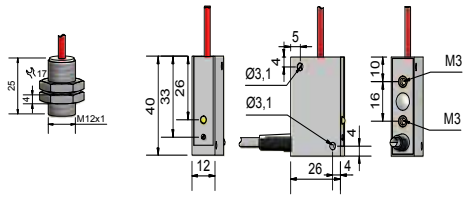
Series 80 - PNP

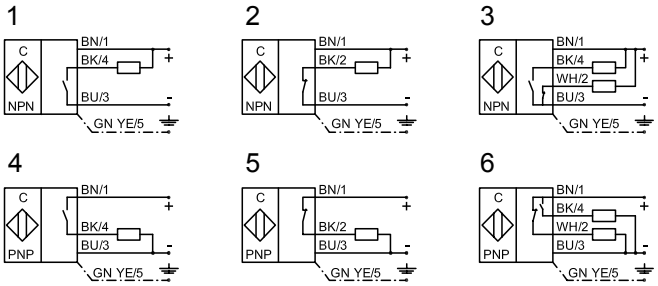
Housing Sensor M 12 x 1
Amplifier 40 x 12 x 26 mm

- 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_e)	250 mA
Voltage drop max. (U_d)	≤ 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) Permitted ambient temperature (amplifier)	-55...+125 °C -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) Connection cable (amplifier)	0.4 m, triax-cable 2 m, PVC, 4 x 0.14 mm²
Housing material (sensor) Housing materia (amplifier)	VA No. 1.4305 PA
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PTFE (FDA 21 CFR 177.1550)





Made in Germany

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