



Capacitive Sensors

Series 80 - PNP



Housing M 12 x 1

- Housing material: PTFE
- Applicable for detection of chemical aggressive media
- Also suitable for food applications
- Sensing distance 0...6 mm adjustable

Certificate:



Technical data

Flush mountable

Operating distance S_n	2 mm
Operating distance min. / max. adjustable	0...6 mm
Electrical version	4-wire DC
Output function	Antivalent (NO + NC)

Type NPN

Art.-No.

Connection diagram No.

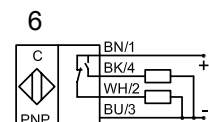
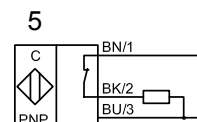
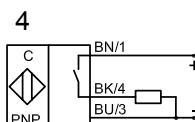
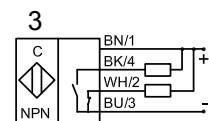
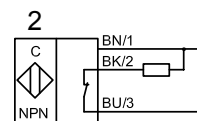
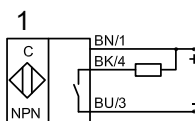
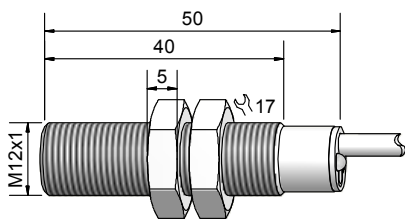
Type PNP

KAS-80-A12-A-K-PTFE

Art.-No.

KA 0160

Connection diagram No.	6
Operating voltage (U_B)	10...35 V DC
Output current max. (I_o)	2 x 250 mA
Voltage drop max. (U_o)	≤ 2.0 V
Permitted residual ripple max.	10 %
No-load current (I_o)	Typ. 15 mA
Frequency of operating cycles max.	500 Hz
Permitted ambient temperature	-25...+70 °C
LED-display	Green / yellow
Protective circuit	Built-in
Degree of protection IEC 60529	IP 67*
Norm	EN 60947-5-2
Connection cable	5 m, PTFE, 4 x 0.34 mm ²
Housing material	PTFE (FDA 21 CFR 177.1550)
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PTFE (FDA 21 CFR 177.1550)
Media optimized	Yes



Made in Germany

All specifications are subject to change without notice. (13.02.2012)