



Capacitive Sensors

Series 80 - PNP

Housing M 12 x 1

- Housing material: PTFE
- Ideal for detection of chemically aggressive media
- Suitable for food applications
- Sensing distance 0,5...25 mm adjustable
- Ex II 3G EEx nA II T6 X
- For use in zone 2

Certificate:



Quattro^{ETC}Protect™

Technical data

Non-flush mountable

Operating distance S_n	4 mm
Operating distance min. / max. adjustable	0.5...10 mm
Electrical version	4-wire DC
Output function	Antivalent (NO + NC)

Type NPN

Art.-No.

Connection diagram No.

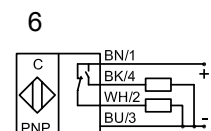
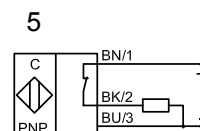
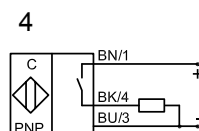
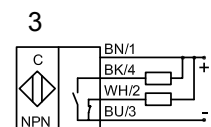
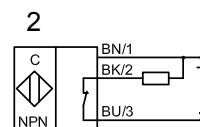
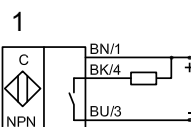
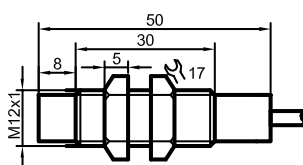
Type PNP

KAS-80-A22-A-K-PTFE-3G

Art.-No.

KA 0466

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_d)	≤ 2.0 V
Permitted residual ripple max.	10 %
No-load current (I_o)	Typ. 15 mA
Frequency of operating cycles max.	50 Hz
Permitted ambient temperature	-25...+70 °C
LED-display	Green / yellow
Protective circuit	Built-in
Degree of protection IEC 529	IP 67
Norm	EN 60947-5-2
Connection	5 m, PUR, 4 x 0.14 mm ²
Housing material	PTFE (FDA 21 CFR 177.1550)
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PA / PPO
Media optimized	Yes



Made in Germany

All specifications are subject to change without notice. (23.03.2010)