



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

With manufacturer certificate

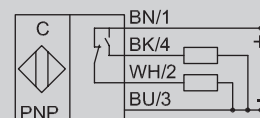
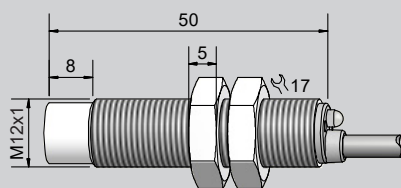
For use in zone 2 (gas)

Ex II 3G Ex nA IIC T6 Gc X



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 PNP	KAS-80-A22-A-M12-PTFE-Z05-1-HP-3G
Art.-No.	KA 0466
Operating voltage (U_b)	10...30 V DC
Operating current (I_b)	2 x 0...150 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	-20...+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
Media optimized	Yes
Accessories (included in delivery)	2 nuts M 12 x 1

* with sealed potentiometer screw



Made in Germany