



Capacitive Sensor Series 80 - PNP

Housing M 12 x 1

- Capacitive sensor for level and position control
- Housing material: Stainless steel VA No. 1.4305 (AISI 303)
- Sensing distance 0...6 mm adjustable
- With flange connector M 12 x 1

With manufacturer certificate

for use in zone 2 (gas)

for use in zone 22 (dust)

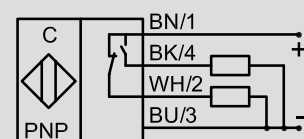
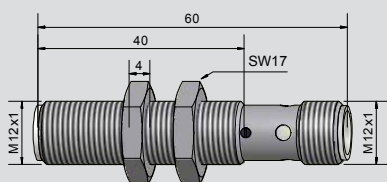
Ex II 3G Ex nA IIC T6 Gc X

Ex II 3D Ex mc IIIC T101°C Dc IP67 X



Technical data	Flush mountable
Operating distance S_n	2 mm
Operating distance min. / max. adjustable	0...6 mm
Electrical version	4 pin DC
Output function	Antivalent
Type PNP	KAS-80-A12-A-Y5-3G-3D
Art.-No.	KA 1205
Operating voltage (U_B)	10...30 V DC
Voltage drop max. (U_d)	≤ 2.0 V
Permitted residual ripple max.	10 %
Operating current (I_e)	2 x 0...150 mA
No-load current (I_o)	Typ. 15 mA
Frequency of operating cycles max.	500 Hz
Permitted ambient temperature	-25...+70 °C
LED-display	Yellow
Protective circuit	Built-in
Degree of protection IEC 60529	IP 67*
Norm	EN 60947-5-2
Connection	Flange connector M 12 x 1
Housing material	Stainless steel VA No. 1.4305 (AISI 303)
Active surface	PTFE (FDA 21 CFR 177.1550)
Media optimized	Yes
Accessories (delivered with the sensor)	2 nuts M 12 x 1, Protective clip
For matching connectors please see our selection of accessories.	

All specifications are subject to change without notice. (24.05.2019)



* With sealed potentiometer screw

Made in Germany