



Capacitive Sensor - ATEX Series 80 - PNP

Housing M 18 x 1

- Capacitive sensor for level and position control
- Housing material: Stainless steel VA No. 1.4305 / AISI 303
- Sensing distance 0.5...15 mm adjustable
- With flange connector M 12 x 1

With manufacturer certificate

for use in zone 2

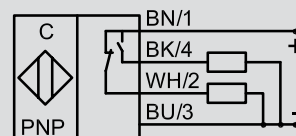
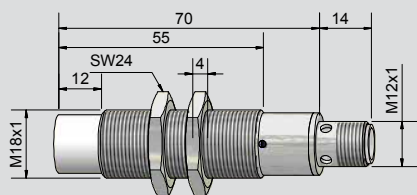
for use in zone 22

Ex II 3G Ex nA IIC T6 Gc X

Ex II 3D Ex mc IIIC T101°C Dc IP67 X



Technical data	Non-flush mountable
Operating distance S_n	8 mm
Operating distance min. / max. adjustable	0.5...15 mm
Electrical version	4-pin DC
Output function	Antivalent
Type PNP	KAS-80-A23-A-Y5-3G-3D
Art.-No.	KA 0527
Operating voltage (U_B)	10...30 V DC
Voltage drop max. (U_d)	$\leq 2,0$ 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.	50 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 (A-coded)
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 18 x 1
For matching connectors please see our selection of accessories.	



* With sealed potentiometer screw

Made in Germany