



Capacitive Sensors Serie 40 - NAMUR EN 60947-5-6

Housing Ø 32 mm / G 1/2" / Ø 12 mm

- For use in areas with the risk of explosion, zone 0
- Housing material: PEEK
- Sensing distance 1...4 mm adjustable

Certificate:



DMT 03 ATEX E 048

IECEx BVS 07.0031

Ex II 1G Ex ia IIC T1-T6 Ga

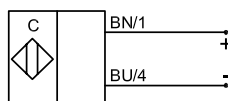
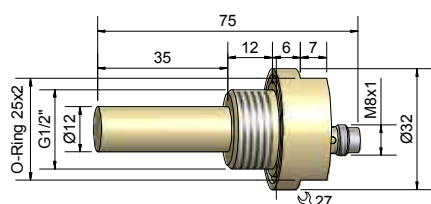
Ex ia IIC T1-T6 Ga



Technical data

Non-flush mountable

Operating distance S_n	2 mm
Operating distance min. / max. adjustable	1...4 mm
Electrical version	2-pole DC
Output	NAMUR DIN 60947-5-6
Type	KAS-40-G1/2"-N-K-PEEK-Y7-100°C
Art. No.	KA 0204
Connection diagram No.	see below
Operating voltage (U_B)	5 - 15 V DC, $U_I = 15$ V DC
Output current active surface free	Typ. 1.5 mA
Output current active surface covered	Typ. 3 mA
Self-inductance (L)	0.2 mH
Self-capacitance (C)	250 nF
Permitted residual ripple max.	5 %
Frequency of operating cycles max.	50 Hz
Permitted ambient temperature	-25...+100 °C
LED-display	Yellow
Degree of protection IEC 60529	IP 65
Connection cable	Flange connector M 8 x 1
Housing material	PEEK (FDA 21 CFR 177.2415)
Active surface	PEEK (FDA 21 CFR 177.2415)
Lid	PEEK (FDA 21 CFR 177.2415)



Made in Germany