



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

Housing M 12 x 1

- Housing material: PTFE
- For use in areas with the risk of gas explosion, zone 0
- Ideal for detection of chemically aggressive media
- Useable for an ambient temperature up to +100 °C
- Sensing distance 1...6 mm adjustable

DMT 03 ATEX E 048

IECEX BVS 07.0031

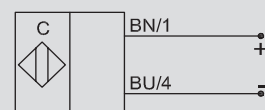
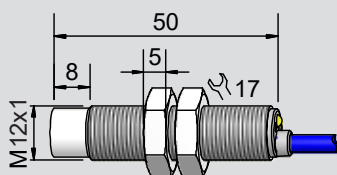
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Technical data	Non-flush mountable
Operating distance S_n	4 mm
Operating distance min. / max. adjustable	1...6 mm
Electrical version	2-wire DC
Output	NAMUR DIN 60947-5-6
Type	KAS-40-A22-N-K-PTFE-100°C
Art. No.	KA 0390
Operating voltage (U_B)	5 - 15 V DC, $U_I = 15$ V DC
Output current active surface free	< typ. 1.5 mA
Output current active surface covered	> typ. 2.5 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	-20...+100 °C
LED-display	Yellow
Degree of protection IEC 60529	IP 67
Connection cable	2 m, PVC, 2 x 0.14 mm ²
Housing material	PTFE (FDA 21 CFR 177.1550)
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PA
Accessories (included in delivery)	2 nuts M 12 x 1

All specifications are subject to change without notice. (08.03.2022)



Made in Germany