



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



Housing M 12 x 1

- For use in areas with the risk of gas explosion, zone 0
- Housing material: Stainless steel VA
- Sensing distance 1...5 mm adjustable

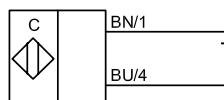
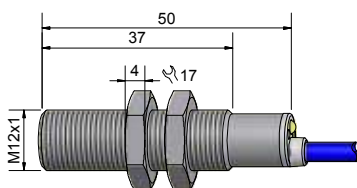
Certificate:

DMT 03 ATEX E 048	IECEX BVS 07.0031
II 1G Ex ia IIC T1-T6 Ga	Ex ia IIC T1-T6 Ga



Technical data

	Flush mountable
Operating distance S_n	2 mm
Operating distance min. / max. adjustable	1...5 mm
Electrical version	2-wire DC
Output	NAMUR DIN 60947-5-6
Type	KAS-40-A12-N
Art. No.	KA 0018
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...+70 °C
LED-display	Yellow
Degree of protection IEC 60529	IP 67
Connection cable	5 m, PVC, 2 x 0.14 mm ²
Housing material	VA No. 1.4305
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PA / PPO
Media optimized	Yes



Made in Germany

All specifications are subject to change without notice. (01.02.2013)