



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



Housing M 18 x 1

- For use in areas with the risk of gas explosion, zone 0
- Housing material: Brass
- Sensing distance 1...8 mm adjustable
- With flange connector M 12 x 1

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

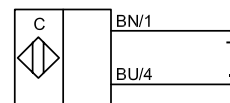
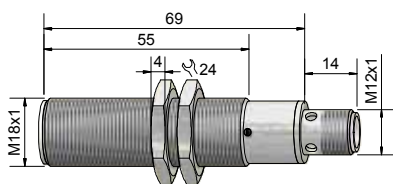
Flush mounting

Operating distance S_n	5 mm
Operating distance min. / max. adjustable	1...8 mm
Electrical version	2-pin DC
Output function	NAMUR DIN 60947-5-6
Type	KAS-40-A13-N-Y5
Art. No.	KA 0559
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...+70 °C
LED-display	Yellow
Degree of protection IEC 60529	IP 67*
Connection	Flange connector M 12 x 1
Housing material	Brass
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	-

Accessories (is delivered with the unit) 2 pieces nuts M 18, Protective clip

For matching connectors please see our selection of accessories.

* With sealed potentiometer screw



All specifications are subject to change without notice. (06/2014)

Made in Germany