



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: PTFE
- Ideal for detection of chemically aggressive media
- Ideal for use in food applications
- Sensing distance 1...8 mm adjustable
- Useable for an ambient temperature up to +100 °C

DMT 03 ATEX E 048

IECEx BVS 07.0031

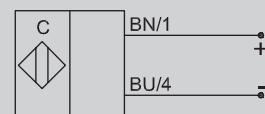
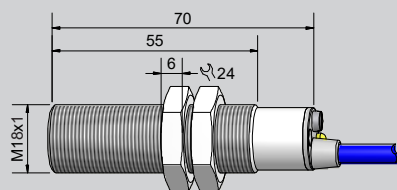
Ex II 1G Ex ia IIC T1-T6 Ga

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Technical data	Flush mountable
Operating distance S_n	5 mm
Operating distance min. / max. adjustable	1...8 mm
Electrical version	2-wire DC
Output function	NAMUR DIN 60947-5-6
Type	KAS-40-A13-N-K-PTFE-100°C
Art. No.	KA 0343
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	5 m, PUR, 2 x 0.34 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 18 x 1

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



Made in Germany