



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

Housing M 18 x 1

- For use in areas with the risk of dust explosion, zone 20
- For use in areas with the risk of gas explosion, zone 0
- Housing material: PTFE
- Sensing distance 2...10 mm adjustable

DMT 03 ATEX E 048

IECEX BVS 07.0031

Ex II 1G Ex ia IIC T1-T6 Ga

Ex ia IIC T1-T6 Ga

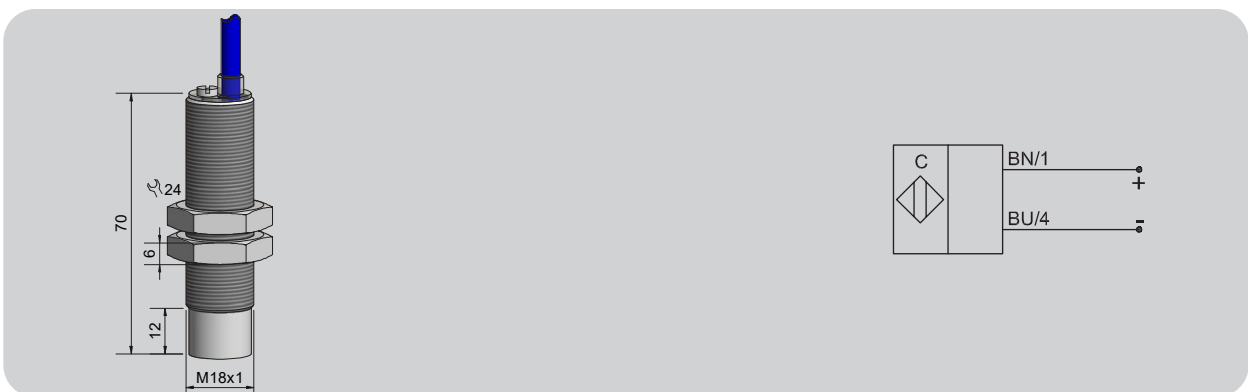
Ex II 1D Ex ia IIIC T101°C Da

Ex ia IIIC T101°C Da



Technical data	Non-flush mountable
Operating distance S_n	8 mm
Operating distance min. / max. adjustable	2...10 mm
Electrical version	2-wire DC
Output	NAMUR DIN 60947-5-6
Type	KAS-40-A23-N-K-PTFE-StEx
Art. No.	KA 0282
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	-25...+70 °C
LED-display	Yellow
Degree of protection IEC 60529	IP 67
Connection cable	2 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	PC (FDA 21 CFR 177.1580)
Media optimized	Yes
Accessories (included in delivery)	2 nuts M 18 x 1

All specifications are subject to change without notice. (02.05.2023)



* With sealed potentiometer screw

Made in Germany