



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

Housing M 12 x 1

- For use in areas with the risk of gas explosion, zone 0
- Housing material: Stainless steel VA No. 1.4305 / AISI 303
- Sensing distance 1...4 mm adjustable

DMT 03 ATEX E 048

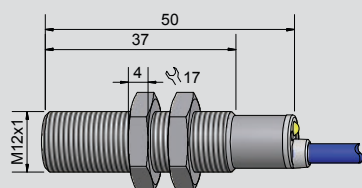
IECEx BVS 07.0031

Ex II 1G Ex ia IIC T1-T6 Ga

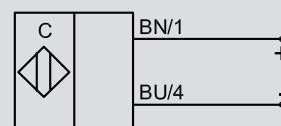
Ex ia IIC T1-T6 Ga



Technical data	Flush mountable
Operating distance S_n	2 mm
Operating distance min. / max. adjustable	1...4 mm
Electrical version	2-wire DC
Output function	NAMUR DIN 60947-5-6
Type current	KAS-40-A12-N-M12-PTFE/VA-B-Z05-1-HP-1G
Type	KAS-40-A12-N
Art. No.	KA 0018
Operating voltage (U_B)	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	5 m, PVC, 2 x 0.14 mm ²
Housing material	Stainless steel VA No. 1.4305 / AISI 303
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PA / PPO
Accessories (is delivered with the sensor)	2 nuts M 12 x 1



Matching Ex barriers can be offered on request.



* With sealed potentiometer screw

Made in Germany