



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

Housing Ø 10 mm

- For use in areas with the risk of gas explosion, zone 0

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
Electrical version	2-wire DC
Output function	NAMUR DIN 60947-5-6
Type	KAS-40-10/20-N
Art. No.	KA 0902
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	-
Degree of protection IEC 60529	IP 67
Connection cable	2 m, PVC, 2 x 0.14 mm ²
Housing material	VA No. 1.4305
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PTFE (FDA 21 CFR 177.1550)

Assessors for mounting (is not delivered with the sensor) please see our selection of accessories.

