



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

Housing Tri-Clamp

- 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: Stainless steel VA No. 1.4404 / AISI 316L
- Sensing distance 3...20 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	18 mm
Operating distance min. / max. adjustable	3...20 mm
Electrical version	2-wire DC
Output function	NAMUR DIN 60947-5-6
Type current	KAS-40-35/100-A-Tri-PTFE/VAc-Z02-1-HP-1G-1D
Type	KAS-40-35/100-N-Tri-PTFE/VA-StEx
Art.-No.	KA 0443
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
Degree of protection IEC 60529	IP 67*
Connection cable	2 m, PUR, 2 x 0.34 mm ²
Housing material	Stainless steel VA No. 1.4404 / AISI 316L
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PC (FDA 21 CFR 177.1580)
Media optimized	Yes

All specifications are subject to change without notice. (27.06.2019)



* With sealed potentiometer screw

Made in Germany