



## 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...30 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 $S_n$	20 mm
Operating distance min. / max. adjustable	3...30 mm
Electrical version	2-wire DC
Output function	NAMUR DIN 60947-5-6
Type current	<b>KAS-40-35/100-A-Tri-PTFE/VAc-Z10-1-HP-1G-1D</b>
Type	<b>KAS-40-35/100-N-Tri-PTFE/VA-StEx</b>
Art.-No.	<b>KA 1528</b>
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	10 m, PUR, 2 x 0.34 mm <sup>2</sup>
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. (06.06.2019)



\* With sealed potentiometer screw

**Made in Germany**