



Capacitive Sensors

Serie 40 - NAMUR EN 60947-5-6 - StEx - ATEX

Housing Ø 22 mm

- For use in areas with the risk of gas explosion, zone 0
- Housing material: PEEK
- Sensing distance 1...8 mm adjustable

DMT 03 ATEX E 048

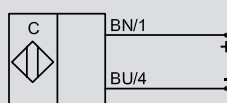
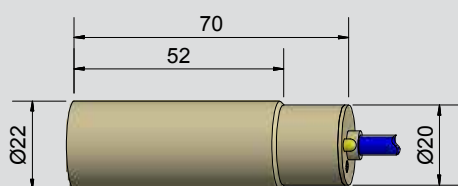
IECEX BVS 07.0031

Ex II 1D Ex ia IIIC T101°C Da

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Technical data	Non-flush mountable
Operating distance S_n	5 mm
Operating distance min. / max. adjustable	1...8 mm
Electrical version	2-wire DC
Output function	NAMUR EN 60947-5-6
Type current	KAS-40-20-N-D22-PEEK-Z02-1-HP-1D
Type	KAS-40-20-N-PEEK
Art. No.	KA 1520
Operating voltage (U_B)	5 - 15 V DC, $U_i = 15$ V DC
Operating current active surface free	< typ. 1.5 mA
Operating 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	-20...+70 °C
LED-display	Yellow
Degree of protection IEC 60529	IP 67*
Connection cable	2 m, PUR, 2 x 0.14 mm²
Housing material	PEEK (FDA 21 CFR 177.2415)
Active surface	PEEK (FDA 21 CFR 177.2415)
Lid	PEEK (FDA 21 CFR 177.2415)



Matching Ex barriers can be offered on request.

All specifications are subject to change without notice. (04.06.2019)

*With sealed potentiometer screw

Made in Germany