



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

- Housing \varnothing 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

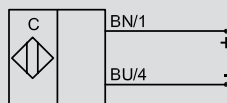
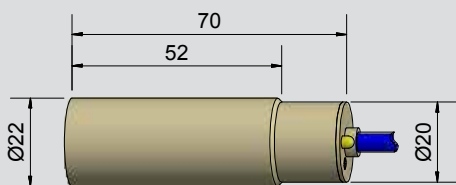
Ex II 1D Ex ia IIIC T101°C Da

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 mm ² |
| Housing material | PEEK (FDA 21 CFR 177.2415) |
| Active surface | PEEK (FDA 21 CFR 177.2415) |
| Lid | PEEK (FDA 21 CFR 177.2415) |

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



Matching Ex barriers can be offered on request.

*With sealed potentiometer screw

Made in Germany