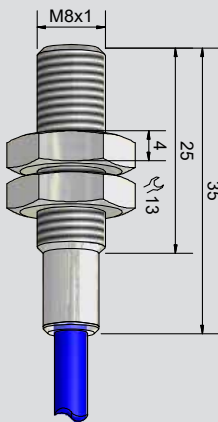




Capacitive Sensors
Series 40 - NAMUR EN 60947-5-6
Article number: 400100
Description: KAS-40-A11-N-M8-PTFE/MS-Z02-0-1G

- Housing: M 8 x 1
- For use in areas with the risk of gas explosion, zone 0.
- Housing material: Brass
- Sensing Distance (S_n): 0.5 mm



Technical data

| | |
|---|------------------------------------|
| Mounting | Flush mountable |
| Output function | NAMUR EN 60947-5-6 |
| Sensing distance (S_n) | 0.5 mm |
| 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 | -20...+70 °C |
| Degree of protection IEC 60529 | IP 67 |
| Connection cable | 2 m, PVC, 2 x 0.14 mm ² |
| Housing material | Brass |
| Active surface | PTFE (FDA 21 CFR 177.1550) |
| Lid | PC (FDA 21 CFR 177.1580) |
| ATEX certificate | DMT 03 ATEX E 048 |
| ATEX Product marking Gas | Ex II 1G Ex iaIIC T1-T6 Ga |
| IECEx certificate | IECEx BVS 07.0031 |
| IECEx Product marking Gas | Exia IIC T1-T6 Ga |
| UL / CSA certificate | Yes |
| MTTF (average operating time until failure) | 1,204.81 years |
| Accessories (included in delivery) | 2 nuts M 8 x 1 |

Made in Germany

