



## Capacitive Sensors with Analogue Output Series 40 - NAMUR EN 60947-5-6

Housing M 30 x 1.5

- For use in areas with the risk of gas explosion, zone 0
- Housing material: Brass
- Operating range 0...20 mm
- Output current 20...4 mA

DMT 03 ATEX E 048

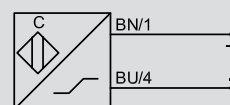
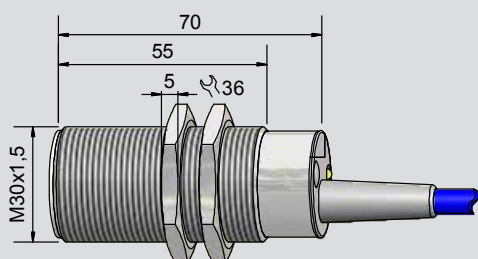
IECEX BVS 07.0031

Ex II 1G Ex ia IIC T1-T6 Ga

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| Technical data                           | Flush mountable                    |
|------------------------------------------|------------------------------------|
| Operating range                          | 0...20 mm                          |
| Linear range                             | 0...12 mm                          |
| Electrical version                       | 2-wire DC                          |
| Output function                          | Analogue                           |
| Type Analogue                            | KAS-40-A14-IL20                    |
| Art. No.                                 | KA 1344                            |
| Operating voltage ( $U_B$ )              | 15...35 V DC, $U_i = 27$ V DC      |
| Power consumption active surface free    | $\geq 20$ mA                       |
| Power consumption active surface covered | $\leq 4$ mA                        |
| Load resistor                            | $R_L$ 0...500 Ohm                  |
| Self-inductance (L)                      | 0.2 mH                             |
| Self-capacitance (C)                     | 89 nF                              |
| Permitted residual ripple max.           | 5 %                                |
| Frequency of operating cycles max.       | 50 Hz                              |
| Permitted ambient temperature            | 0...+70 °C                         |
| Degree of protection IEC 60529           | IP 67                              |
| Norm                                     | EN 60947-5-6                       |
| Connection cable                         | 2 m, PUR, 2 x 0.75 mm <sup>2</sup> |
| Housing material                         | Brass                              |
| Active surface                           | PTFE (FDA 21 CFR 177.1550)         |
| Lid                                      | PA / PPO                           |
| Accessories (is delivered with the unit) | 2 nuts M 30 x 1.5                  |



Made in Germany