



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 4...20 mA

DMT 03 ATEX E 048

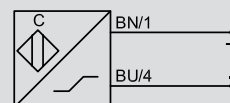
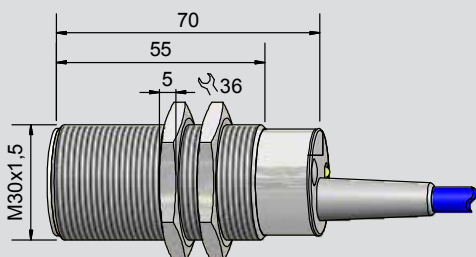
IECEX BVS 07.0031

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-IL4
Art. No.	KA 1397
Operating voltage (U_B)	15...35 V DC, $U_i = 27$ V DC
Power consumption active surface free	≤ 4 mA
Power consumption active surface covered	≥ 20 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 ²
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