



Capacitive Sensors with analogue output
Series 40 - NAMUR EN 60947-5-6
Output current 20...4 mA



Housing M 30 x 1.5

- For use in areas with the risk of gas explosion, zone 1
- Housing material: Brass
- Operating range 0...25 mm

Certificate:



DMT 03 ATEX E 048

IECEX BVS 07.0031

Ex II 1G Ex ia IIC T1-T6 Ga

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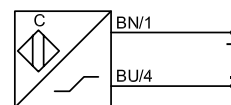
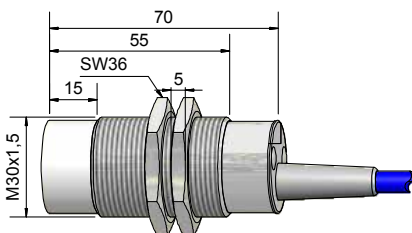


Technical data

Non-flush mountable

Operating range	0...25 mm
Linear range	2...20 mm
Electrical version	2-wire DC
Output function	Analogue
Type Analogue	KAS-40-A24-IL
Art. No.	403 600
Operating voltage (U _B)	10 - 15 V DC, U _i = 15 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)	250 nF
Permitted residual ripple max.	5 %
Frequency of operating cycles max.	50 Hz
Permitted ambient temperature	0...+60 °C
LED-display	Yellow
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 pieces nuts M 30

* With sealed potentiometer screw



All specifications are subject to change without notice. (06/2014)

Made in Germany