



Capacitive Sensors with analogue output Series 40 - NAMUR EN 60947-5-6 - StEx - ATEX

Current output 20...4 mA

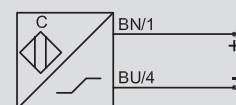
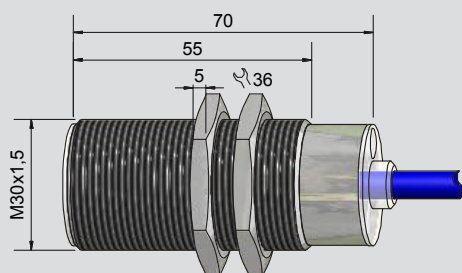
Housing M 30 x 1.5

- For use in areas with the risk of gas explosion, zone 0
- For use in areas with the risk of dust explosion, zone 20
- Housing material: Brass
- Operating range 0...24 mm

DMT 03 ATEX E 048	IECEX BVS 07.0031
Ex II 1G Ex ia IIC T1-T6 Ga	Ex ia IIC T1-T6 Ga
Ex II 1D Ex ia IIIC T101°C Da	Ex ia IIIC T101°C Da



Technical data	Flush mountable
Operating range	0...24 mm
Linear range	2...20 mm
Electrical version	2-wire DC
Output function	Analogue
Type Analogue current	KAS-40-A14-IL20-M30-PTFE/MS-Z02-1-HP-1G-1D
Type Analogue	KAS-40-A14-IL20-StEx
Art. No.	KA 1394
Operating voltage (U _B)	15...35 V DC, U _i = 27 V DC
Power consumption active surface free	≥ 20 mA
Power consumption active surface covered	≤ 4 mA
Load resistor (R _L)	0...500 Ω
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	PC (FDA 21 CFR 177.1580)
Accessories (delivered with the sensor)	2 nuts M 30 x 1,5



All specifications are subject to change without notice. (22.03.2021)

* With sealed potentiometer screw

Made in Germany