



## Capacitive Sensors with Analogue Output Series 40 - IL

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

Certificate:



DMT 03 ATEX E 048

IECEX BVS 07.0031

Ex II 1G Ex ia IIC T1-T6 Ga

Ex ia IIC T1-T6 Ga



### 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-IL**

**Art. No.**

**KA 1002**

Operating voltage ( $U_b$ )

10...35 V DC

Power consumption active surface free

$\leq 4$  mA

Power consumption active surface covered

$\geq 20$  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

-

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

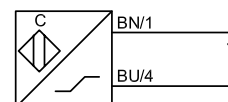
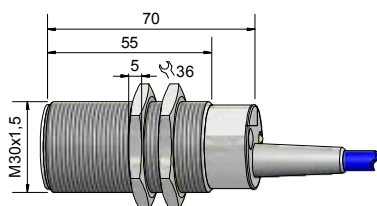
Brass

Active surface

PTFE (FDA 21 CFR 177.1550)

Lid

PA / PPO



All specifications are subject to change without notice. (06.02.2013)

**Made in Germany**