



Certificate: DMT 03 ATEX E 048



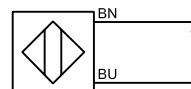
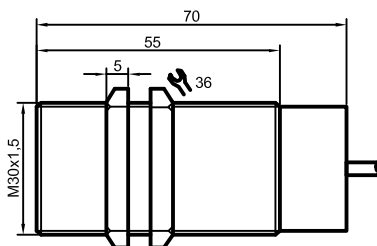
## Capacitive Sensors Series 40 IL - Analogue Output

### Housing M30 x 1.5

- $\text{Ex}$  II 2 G EEx ia IIC T1-T6
- For use in areas where there is a risk of explosion
- Housing material: brass
- Flush mountable
- Operating range 0...20 mm

#### Technical data

Operating range [mm], flush mounting	0...20, yes
Linear range [mm]	0...12
Electrical version	2-wire DC
Output function	analogue
<b>Type Analogue</b>	<b>KAS-40-A14-IL</b>
<b>Art.-No.</b>	<b>403 400</b>
<b>Connection diagram No.</b>	<b>see below</b>
Operating voltage ( $U_B$ )	$U_1 = 15 \text{ V DC}$
Output current active surface free	$\leq 4 \text{ mA}$
Output current active surface covered	$\geq 20 \text{ mA}$
Load resistor ( $R_L$ 0...500 Ohm)	depend on $U_B$
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	-25...+70°C
LED-display	-
Degree of protection IEC 529	IP 67
Connection cable	2 m 2 x 0.75 mm <sup>2</sup>
Housing material	brass
Active surface	PTFE
Lid	PA



All specifications are subject to change without notice. (05/2004)