



## Capacitive Sensors with Analogue Output Series 40 - NAMUR Output current 20...4 mA

Housing M 12 x 1

- For use in areas with the risk of gas explosion, zone 0
- Housing material: Brass
- Operating range 0...5 mm

DMT 03 ATEX E 048

IECEX BVS 07.0031

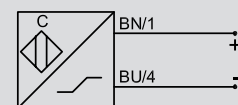
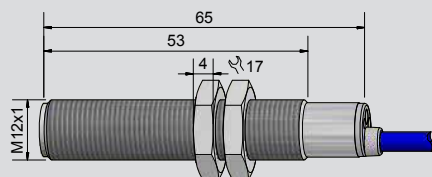
II 1G Ex ia IIC T1-T6 Ga

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<b>Technical data</b>	Flush mountable
Operating range	0...5 mm
Linear range	0...4 mm
Electrical version	2-wire DC
Output function	Analogue
<b>Type Analogue current</b>	<b>KAS-40-A12-IL20-M12-PTFE/Ms-Z02-1-HP-1G</b>
<b>Type Analogue</b>	<b>KAS-40-A12-IL20</b>
<b>Art. No.</b>	<b>KA 1337</b>
Operating voltage ( $U_B$ )	15...35 V DC, $U_I = 27$ V DC
Power consumption active surface free	$\geq 20$ mA
Power consumption active surface covered	$\leq 4$ 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	-25...+70 °C
Degree of protection IEC 60529	IP 67*
Norm	EN 60947-5-6
Connection cable	2 m, PUR, 2 x 0.34 mm <sup>2</sup>
Housing material	Brass
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PA / PPO
<b>Accessories</b> (is delivered with the unit)	2 nuts M 12 x 1

All specifications are subject to change without notice. (05.06.2019)



\* With sealed potentiometer screw

**Made in Germany**