



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

Housing M 18 x 1

- For use in areas with the risk of gas explosion, zone 0
- Housing material: Brass
- Operating range 0...8 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



Technical data

Flush mountable

Operating range

0...8 mm

Linear range

0...4 mm

Electrical version

2-wire DC

Output function

Analogue

Type Analogue current

KAS-40-A13-IL20-M18-PTFE/Ms-Z02-1-HP-1G

Type Analogue

KAS-40-A13-IL20

Art. No.

KA 1341

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 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 mm²

Housing material

Brass

Active surface

PTFE (FDA 21 CFR 177.1550)

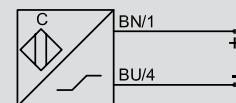
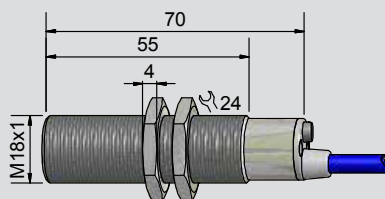
Lid

PA / PPO

Accessories (is delivered with the unit)

2 nuts M 18 x 1

* With sealed potentiometer screw



Made in Germany

All specifications are subject to change without notice. (27.07.2018)