



Capacitive Sensors S26 Series 40 - NAMUR EN 60947-5-6

Type of construction G 1"

- For use in areas with the risk of gas explosion, zone 0
- Housing material: PTFE
- Useable for an ambient temperature up to +100 °C

DMT 03 ATEX E 048

IECEX BVS 07.0031

Ex II 1G Ex ia IIC T1-T6 Ga

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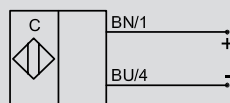
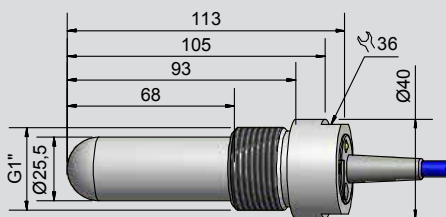
Technical data	Non-flush mountable
Level sensor, in contact with the product	Medium dependent adjustable
Operating distance min. / max. adjustable	0...15 mm
Electrical version	2-wire DC
Output function	NAMUR DIN 60947-5-6
Type	KAS-40-26-N-K-G1"-PTFE-100C
Art.-No.	KA 1230
Operating voltage (U _B)	5 - 15 V DC, U _i = 15 V DC
Output current active surface free	< typ. 1.5 mA
Output current active surface covered	> typ. 3 mA
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...+100 °C / CIP 121 °C (zero-current)
LED-display	Yellow
Degree of protection IEC 60529	IP 67*
Connection cable	2 m, PUR, 2 x 0.75 mm ²
Housing material	PTFE (FDA 21 CFR 177.1550)
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PA / PPO

Accessories (not delivered with the sensor): For varivent adapter, triclamp adapter and welding socket please see our selection of accessories.

* With sealed potentiometer screw

Capacitive Sensors S26 with hemispherical active surface for level control of products with a dielectric constant ϵ_r as of 1,1. Products can be:

- Bulk material, like plastic granules, powder, cereals, etc.
- Liquids, like water, juice, wine, oil, chemicals or pharmaceutical solutions and much more.
- Pastes in the food processing industry, liquid glue, resins or glue, etc.



All specifications are subject to change without notice. (02/2017)

Made in Germany