



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

Housing Ø 26 mm / 1" / 40 mm

- For use in areas with the risk of gas explosion, zone 0
- Housing material: PEEK
- SIP / CIP 121 °C
- 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

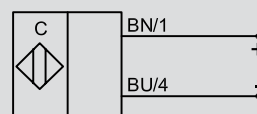
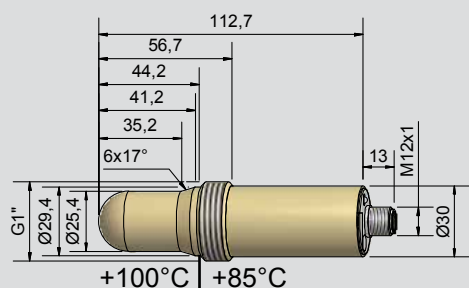
Ex ia IIC T1-T6 Ga



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	NAMUR DIN 60947-5-6
Type	<b>KAS-40-26-N-K-G1"-PEEK-HG-100°-Y5</b>
Art. No.	<b>KA 1270</b>
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...+85 °C / CIP 121 °C
Permitted ambient temperature (for active zone)	0...+100 °C
LED-display	Yellow
Degree of protection IEC 60529	IP 67
Connection cable	2 m, PUR, 2 x 0.75 mm <sup>2</sup>
Housing material	PEEK (FDA 21 CFR 177.2415)
Active surface	PEEK (FDA 21 CFR 177.2415)
Lid	PA / PPO
Media optimized	Yes
<b>Accessories</b> for mounting (is not delivered with the sensor) please see our selection of accessories.	

Capacitive Sensors of the S26 series with hemispherical active surface for level control of products with a permittivity 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.



**Made in Germany**

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