



Capacitive Sensors with Analogue Output Series 80 - PNP - ATEX

Operating current 4...20 mA
Voltage output 0...10 V

Housing M 30 x 1,5

- Housing material: PTFE
- Operating range 0...30 mm
- Current and voltage output in the same sensor

With manufacturer certificate
for use in zone 22 (dust)
II 3D Ex mc IIIC T101°C Dc IP67 X



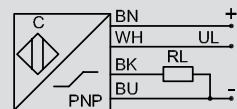
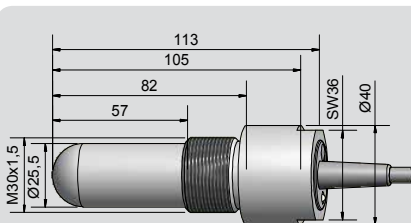
Technical data	Flush mountable
Operating range	0...30 mm
Linear range	0...20 mm
Electrical version	4-wire DC
Output function	Analogue
Type Analogue	KAS-80-26-IL4/UL0-K-M30-PTFE-3D
Art. No.	KA 1404
Operating voltage (U _B)	15...30 V DC
Output signal	4...20 mA, 0...10 V
Permitted residual ripple max.	5 %
No-load current (I ₀)	≤ 40 mA
Operating current active surface free	≤ 4 mA
Operating current active surface covered	≥ 20 mA
Load resistor (R _L)	0...600 Ω
Permitted ambient temperature	0...+70 °C
LED-display	Yellow / green
Protective circuit	Built-in
Degree of protection IEC 60529	IP 67*
Norm	EN 60947-5-2, EN 60947-5-7**
Connection cable	2 m, PVC, 5 x 0.34 mm ²
Housing material	PTFE (FDA 21 CFR 177.1550)
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PA / PPO

Capacitive Sensors S26 with hemispherical active surface for level control of products with a dielectric constant ϵ_r from 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, or resins, etc.

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

All specifications are subject to change without notice. (10.07.2019)



* With sealed potentiometer screw ** Where applicable

Made in Germany