



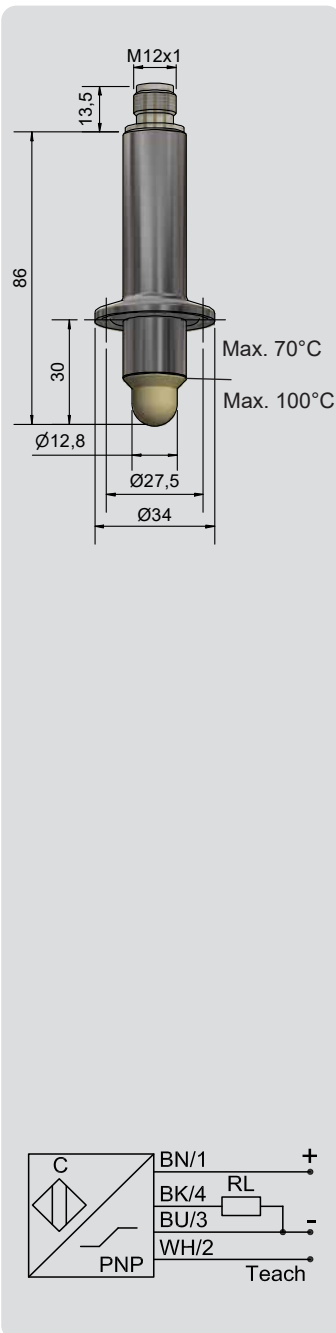
Capacitive Sensors

Series 26 - PNP

Article number: KA1526

Description: KS-801-26/86-IL4-TRI-PEEK/VAc-Y3-ETW-HP

- Capacitive sensor for level control of conductive and/or viscous liquids or pastes, for instance oil, water, ketchup or honey, which can have adhesive properties
- Ideal for level control in the Food Industry or Pharmaceutical Industry
- Suitable for Triclamp DN 20 according to standard DIN 32676, row A
- With programmable analogue output 4 - 20 mA
- ETW = Sensitivity adjustment is made by connecting the teach line to U_B
- With flange connector M 12 x 1



Technical data

Mounting	Non-flush mountable
Sensitivity	Dielectric constant $\epsilon_r > 1.25$
Sensitivity adjustment	ETW
Output function	PNP, analogue
Operating voltage (U_B)	12.5...35 V DC
Output signal	4...20 mA
Output current active surface free	≤ 4 mA
Output current active surface covered	≥ 20 mA
Load resistance (R_L)	0...600 Ω
No-load current (I_0)	Typ. < 30 mA
Permitted ambient temperature	0...+70 °C / CIP 121 °C
Permitted product temperature	0...+100 °C
LED-display	Green / orange
Protective circuit	Built-in
Degree of protection IEC 60529	IP 67, IP 69K
Norm	EN 60947-5-2, EN 60947-5-7, where applicable
Connection	Flange connector M 12 x 1 (A-coded)
Housing material	Stainless steel VA No. 1.4404 / AISI 316L
Active surface	PEEK (FDA 21 CFR 177.2415)
MTTF (average operating time until failure)	426.15 years
Matching connectors (not included in delivery)	Female connector M 12 x 1, DC, 4 x 0.34 mm ² , 5 m, angled, # 193391 Female connector M 12 x 1, DC, 4 x 0.34 mm ² , 5 m, straight, # 193392

Made in Germany

