



Capacitive sensors

Series 26 - PNP

Article number KA1437

Description KS-801-26/86-S-G1/2-PEEK/VAb-Y3-ETW-HP

- For level control of conductive and/or viscous liquids or pastes, for instance oil, water, ketchup or honey.
- Ideal for level control in the Food Industry or Pharmaceutical Industry
- ETW = Sensitivity adjustment is done by connecting a line.
- Welding sockets and Varivent adapter available for EHEDG conform mounting.



Technical data

Mounting	Non-flush mountable
Sensitivity	Dielectric constant $\epsilon_r > 1.25$
Operating distance min. / max. adjustable	0...20 mm
Sensitivity adjustment	ETW
Output function	PNP, Normally open
Operating voltage (U_B)	12.5...35 V DC
Voltage drop max. (U_d)	≤ 2.0 V
Permitted residual ripple max.	10 %
Operating current (I_e)	0...250 mA
No-load current (I_o)	Typ. < 30 mA
Frequency of operating cycles max.	5 Hz
Permitted ambient temperature	0...+70 °C / CIP 121 °C
Permitted product temperature	-10...+100 °C
LED-display	Green / orange
Protective circuit	Built-in
Degree of protection IEC 60529	IP 67, IP 69K
Norm	EN 60947-5-2
Connection	Flange connector M 12 x 1 (A-coded)
Housing material	Stainless steel VA No. 1.4305 / AISI 303
Active surface	PEEK (FDA 21 CFR 177.2415)
Housing size / Process connection	G 1/2"
Media optimized	Yes
Quattro Protect	Yes
Operating pressure (active zone)	Max. 10 bar
MTTF (average operating time until failure in Years)	459.21 Years
Accessories (not delivered with the sensor):	For varivent adapter (#196395), triclamp adapter (DN25 / DN32 / DN40 #196757, DN50 #190754), welding socket (#196388)
Matching connectors (not delivered with the sensor):	Connector M12, DC, 4x0.34, 5 m, #191910, #193391, #193392

Made in Germany

