



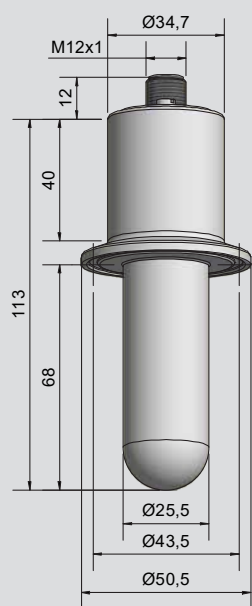
Capacitive sensors

Series 80 - PNP

Article number KA0662

Description KAS-80-26/113-A-TRI-PTFE-FG-100C-Y5-1-HP

- Capacitive sensor for level and position control
- Housing material: PTFE (FDA compliant and EC 1935/2004 compliant)
- Ideal for detection of chemically aggressive media
- Suitable for food and pharmaceutical applications



Technical data

Mounting	Non-flush mountable
Level sensor, in contact with the product	Medium dependent adjustable
Operating distance min. / max. adjustable	0...20 mm
Sensitivity adjustment	Potentiometer
Output function	PNP, Antivalent
Operating voltage (U_B)	10...35 V DC
Voltage drop max. (U_d)	≤ 2.0 V
Permitted residual ripple max.	10 %
Operating current (I_B)	2 x 0...250 mA
No-load current (I_0)	Typ. 15 mA
Frequency of operating cycles max.	50 Hz
Permitted ambient temperature	-25...+100 °C / CIP 121 °C
LED-display	Green / yellow
Protective circuit	Built-in
Degree of protection IEC 60529	IP 67 (with sealed potentiometer screw)
Norm	EN 60947-5-2
Connection	Flange connector M 12 x 1 (A-coded)
Housing material	PTFE (FDA 21 CFR 177.1550)
Active surface	PTFE (FDA 21 CFR 177.1550), according to (EC) No. 1935/2004
Housing size / Process connection	Suitable for Triclamp DN25, DN32, DN40, according to standard DIN 32676, row A
Media optimized	Yes
Quattro Protect	Yes
UL/CSA certificate	Yes
MTTF (average operating time until failure in Years)	1199 Years
Documents (not included in delivery)	Declaration of Conformity (EC) No. 1935/2004, # 100035
Matching connectors (not delivered with the sensor)	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

