



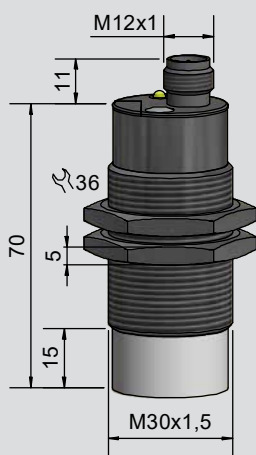
Capacitive Sensors

Series 80 - PNP

Article number: KA0413

Description: KAS-80-A24-A-M30-PTFE/VAb-Y3-1-NL

- Capacitive sensor for level and position control
- Housing: M 30 x 1.5
- Housing material: Stainless steel VA No. 1.4305 / AISI 303
- With flange connector M 12 x 1



Technical data

Mounting	Non-flush mountable
Operating distance (S_n)	15 mm
Operating distance min. / max. adjustable	2...25 mm
Sensitivity adjustment	Potentiometer
Output function	PNP, antivalent
Operating voltage (U_B)	12...30 V DC
Output current (I_a)	2 x 0...200 mA
Voltage drop max. (U_d)	≤ 2.0 V
Permitted residual ripple max.	5 %
No-load current (I_o)	< 15 mA
Frequency of operating cycles max.	50 Hz
Permitted ambient temperature	-25...+70 °C
LED-display	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	Stainless steel VA No. 1.4305 / AISI 303
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PA
Housing size / Process connection	M 30 x 1.5
MTTF (average operating time until failure)	803.5 years
Accessories (included in delivery)	2 nuts M 30 x 1.5
Matching connectors	Female connector M 12 x 1, DC, 4 x 0.34 mm ² , 5 m, angled, # 193391
(not delivered with the sensor)	Female connector M 12 x 1, DC, 4 x 0.34 mm ² , 5 m, straight, # 193392

Made in Germany

