



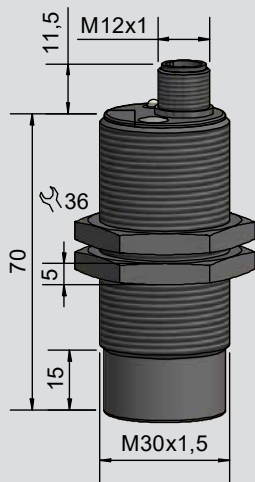
Capacitive Sensors

Series 80 - PNP

Article number: 808600

Description: KAS-80-A24-A-M30-PBT-Y5-1-HP

- Capacitive sensor for level and position control
- Housing: M 30 x 1.5
- Housing material: PBT
- Sensing distance: 1...30 mm adjustable
- With flange connector M 12 x 1



Technical data

Mounting	Non-flush mountable
Sensing distance (S_n)	15 mm
Operating distance min. / max. adjustable	1...30 mm
Sensitivity adjustment	Potentiometer
Output function	PNP, antivalent
Operating voltage (U_B)	10...35 V DC
Output current max. (I_o)	2 x 0...250 mA
Voltage drop max. (U_d)	≤ 2.0 V
Permitted residual ripple max.	10 %
No-load current (I_o)	Typ. 15 mA
Frequency of operating cycles max.	50 Hz
Permitted ambient temperature	-25...+70 °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	PBT
Active surface	PBT
Lid	PA
Housing size / Process connection	M 30 x 1.5
Media-optimized	Yes
Quattro Protect	Yes
MTTF (average operating time until failure)	1,226.92 years
Accessories (included in delivery)	2 nuts M 30 x 1.5

Matching connectors (not included in delivery)
 Female connector M 12 x 1, DC, 4 x 0.34 mm², 5 m, angled, # 193391
 Female connector M 12 x 1, DC, 4 x 0.34 mm², 5 m, straight, # 193392

Made in Germany

