



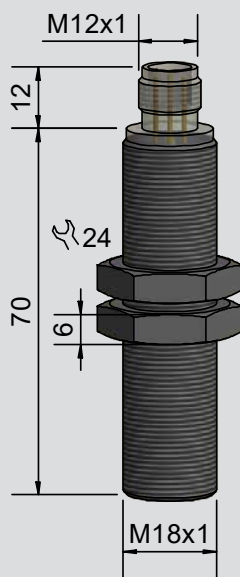
Capacitive Sensors

Series 80 - PNP

Article number: KA0442

Description: KAS-80-A13-A-M18-PBT-Y3-1-HP

- Capacitive sensor for level and position control
- Housing: M 18 x 1
- Housing material: PBT
- With flange connector M 12 x 1
- Operating distance 0.5...10 mm adjustable



Technical data

Mounting	Flush mountable
Operating distance (S_n)	5 mm
Operating distance min. / max. adjustable	0.5...10 mm
Sensitivity adjustment	Potentiometer
Output function	PNP, antivalent
Operating voltage (U_B)	10...35 V DC
Output current (I_a)	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.	300 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	PBT
Active surface	PBT
Lid	PA
Housing size / Process connection	M 12 x 1
Torque	1.7 Nm
Media optimized	Yes
Quattro-Protect	Yes
MTTF (average operating time until failure)	799.4 years
Accessories (included in delivery)	2 nuts M 18 x 1
Made in Germany	

