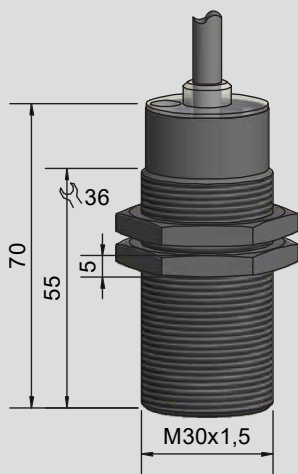




Capacitive sensors
Series 80 - PNP
Article number KA0554
Description KAS-80-A14-A-M30-PBT-Z02-1-NL

- Capacitive sensor for level and position control
- Housing material PBT
- Sensing distance 2...20 mm adjustable



Technical data

Mounting	Flush mountable
Operating distance S_n	10 mm
Operating distance min. / max. adjustable	2...20 mm
Sensitivity adjustment	Potentiometer
Output function	PNP, Antivalent
Operating voltage (U_B)	12...30 V DC
Voltage drop max. (U_d)	≤ 2.0 V
Permitted residual ripple max.	5 %
Operating current (I_e)	2 x 0...200 mA
No-load current (I_o)	Typ. 15 mA
Frequency of operating cycles max.	150 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	Cable, 2 m, PVC, 4 x 0.5 mm ²
Housing material	PBT
Active surface	PBT
Lid	PA
Housing size / Process connection	M 30 x 1.5
UL/CSA certificate	Yes
MTTF (average operating time until failure)	2714.31 Years
Accessories (delivered with the sensor)	2 nuts M 30 x 1.5
Made in Germany	

