



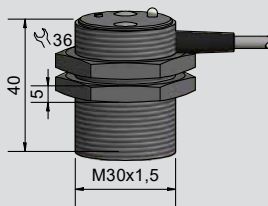
Capacitive Sensors

Series 80 - PNP

Article number: KA1274

Description: KAS-80-A14/40-A-M30-PBT-Z05-1-NL

- Capacitive sensor for level and position control
- Housing: M 30 x 1.5
- Housing material: PBT
- Operating distance 0.5...25 mm adjustable
- For small installation spaces



Technical data

Mounting	Flush mountable
Operating distance (S_n)	10 mm
Operating distance min. / max. adjustable	0.5...25 mm
Sensitivity adjustment	Potentiometer
Output function	PNP, antivalent
Operating voltage (U_B)	12...30 V DC
Output current max. (I_o)	2 x 0...200 mA
Voltage drop max. (U_d)	≤ 2.0 V
Permitted residual ripple max.	5 %
No-load current (I_o)	Typ. 15 mA
Frequency of operating cycles max.	200 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	5 m, PUR, 4 x 0.14 mm ²
Housing material	PBT
Active surface	PBT
Lid	PVC
Housing size / Process connection	M 30 x 1.5
MTTF (average operating time until failure)	2714.31 years
Accessories (included in delivery)	2 nuts M 30 x 1.5
Made in Germany	

