



Capacitive Sensors with Analogue Output Series 80 - PNP

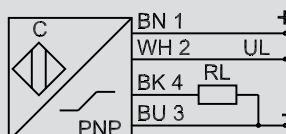
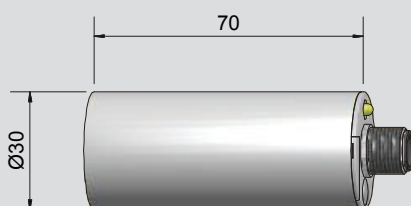
Output current 20...4 mA
Voltage output 10...0 V

Housing Ø 30 mm

- Housing material: PTFE
- Operating range 0...30 mm
- Current and voltage output in the same sensor.



Technical data	Flush mountable
Operating range	0...30 mm
Linear range	0...20 mm
Electrical version	4-wire DC
Output function	Analogue
Type Analogue	KAS-80-30-IL20/UL10-D30-PTFE-Y5-1-HP
Art. No.	KA 1357
Operating voltage (U _B)	15...30 V DC
Output signal	20...4 mA, 10...0 V
Permitted residual ripple max.	5 %
No-load current (I ₀)	≤ 40 mA
Output current active surface free	≤ 4 mA
Output current active surface covered	≥ 20 mA
Load resistor (R _L)	0...600 Ohm
Permitted ambient temperature	0...+70 °C
LED-display	Yellow / green
Protective circuit	Built-in
Degree of protection IEC 60529	IP 67*
Norm	EN 60947-5-2, EN 60947-5-7**
Connection	Flange connector M 12 x 1 (A-coded)
Housing material	PTFE (FDA 21 CFR 177.1550)
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PA / PPO
Matching connectors (not delivered with the sensor)	#193391, #193392



Accessories

for mounting (is not delivered with the sensor) please see our selection of accessories.

All specifications are subject to change without notice. (31.07.2020)

* With sealed potentiometer screw ** Where applicable

Made in Germany