



## Capacitive Sensors with Analogue Output Series 80 - PNP

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

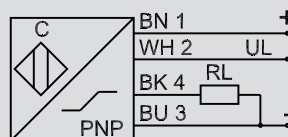
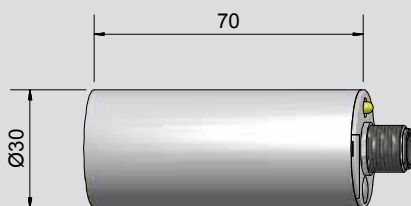
Housing Ø 30 mm

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



<b>Technical data</b>	Flush mountable
Operating range	0...30 mm
Linear range	0...20 mm
Electrical version	4-wire DC
Output function	Analogue
<b>Type Analogue</b>	<b>KAS-80-30-IL4/UL0-D30-PTFE-Y5-1-HP</b>
<b>Art. No.</b>	<b>KA 1357</b>
Operating voltage (U <sub>B</sub> )	15...30 V DC
Output signal	20...4 mA, 10...0 V
Permitted residual ripple max.	5 %
No-load current (I <sub>0</sub> )	≤ 40 mA
Output current active surface free	≥ 20 mA
Output current active surface covered	≤ 4 mA
Load resistor (R <sub>L</sub> )	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

All specifications are subject to change without notice. (12.03.2020)



### Accessories

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

\* With sealed potentiometer screw \*\* Where applicable

**Made in Germany**