



## Capacitive Sensors with Analogue Output Series 80 - PNP

**Current output** 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
- Adjustable with EasyTeach push button (ETB) / EasyTeach by Wire (ETW)
- Optical guidance during the teach process with the aid of a 2-colour LED



<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-IL20/UL10-D30-PTFE-Y10-ET-HP</b>
<b>Art. No.</b>	<b>KA 1570</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>o</sub> )	≤ 40 mA
Operating current active surface free	≥ 20 mA
Operating current active surface covered	≤ 4 mA
Load resistor (R <sub>L</sub> )	0...600 Ω
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

**EasyTeach chart:**

- Adjustment "empty" (8 sec.)
- Adjustment "full" (20 sec.)
- Test (30 sec.)

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

**Made in Germany**

All specifications are subject to change without notice. (06.01.2020)