



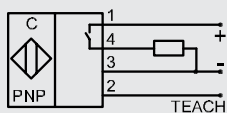
## Capacitive Sensors Series 80 - PNP **EasyMount**

- Housing Ø 30 mm  
Capacitive sensor for level control of liquids  
Very suitable for a measurement through non-metallic container walls
- EasyTeach by wire
  - Housing material: Polyamide (PA)
  - Various mounting possibilities (see accessories)
  - Watertight

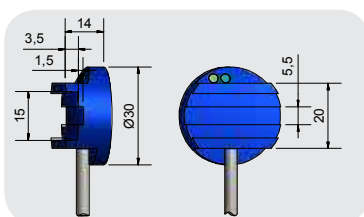
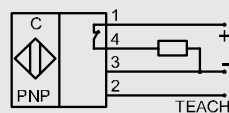


<b>Technical data</b>	Flush mountable
Operating distance $S_n$	5 mm
Operating distance min. / max. programmable	0...10 mm
Electrical version	3 wire DC
Output function	Normally open
<b>Type NPN</b>	
<b>Art.-No.</b>	
Connection diagram no.	
<b>Type PNP</b>	<b>KAS-80-30EM/15-S-D30-PA-Y5C-ETW-HP</b>
<b>Art.-No.</b>	<b>KA 1511</b>
Connection diagram no.	3
Operating voltage ( $U_B$ )	10...35 V DC
Voltage drop max. ( $U_d$ )	≤ 2.0 V
Permitted residual ripple max.	10 %
Operating current ( $I_a$ )	0...200 mA
No-load current ( $I_o$ )	Typ 15 mA
Frequency of operating cycles max.	2 Hz
Permitted ambient temperature	-25...+70 °C
LED-display	Green / yellow
Protective circuit	Built-in
Degree of protection IEC 60529	IP 68
Norm	EN 60947-5-2
Flexible connection	Connector M 12 x 1, 0.1 m, PVC, 4 x 0.14 mm <sup>2</sup>
Housing material	PA
For matching connectors please see our selection of accessories.	

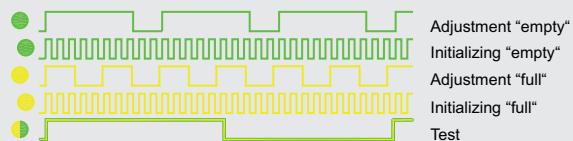
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**EasyTeach chart:**  
LED / Output function  
Yellow = A1  
Green = A1



**Made in Germany**

All specifications are subject to change without notice. (01/2018)