

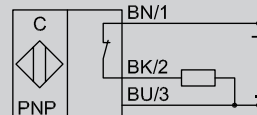
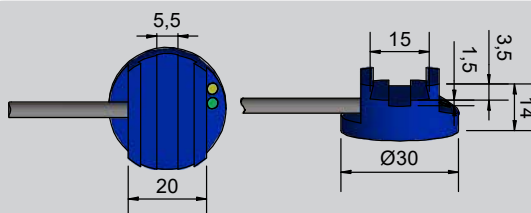


## Capacitive Sensors Series 80 - PNP **EasyMount**

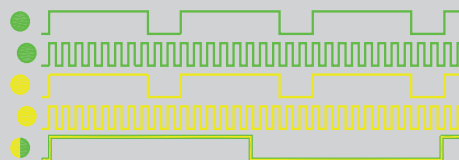
- Housing Ø 30 mm  
Capacitive sensor for level control of liquids  
Very suitable for a measurement through non-metallic container walls
- EasyTeach by magnet (Magnet is supplied with the sensor)
  - Housing material: Polyamid (PA)
  - Various mounting possibilities (see accessories)
  - Watertight



| Technical data                                       | Flush mountable   |
|--|---|
| Operating distance $S_n$                             | 5 mm  |
| Operating distance min. / max. programmable          | 0...10 mm   |
| Electrical version                                   | 3 wire DC   |
| Output function                                      | Normally closed   |
| <b>Type PNP</b>                                      | <b>KAS-80-30EM/15-Ö-D30-PA-Z05-ETM-HP</b>                           |
| <b>Art.-No.</b>                                      | <b>KA 1684</b>  |
| Operating voltage ( $U_B$ )                          | 10...35 V DC  |
| Voltage drop max. ( $U_d$ )                          | ≤ 2.0 V   |
| Permitted residual ripple max.                       | 10 %  |
| Operating current ( $I_o$ )                          | 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  |
| Connection cable                                     | 5 m PVC, 3 x 0.14 mm <sup>2</sup>                                   |
| Housing material                                     | PA  |
| Accessory supplied with the sensor                   | Teach magnet  |
| Accessories Sensor holder (not included in delivery) | Sensor holder EasyMount #196389, #196390, #196391, #196392, #196393 |



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



Adjustment "empty"  
Initializing "empty"  
Adjustment "full"  
Initializing "full"  
Test

**Made in Germany**

All specifications are subject to change without notice. (29.11.2021)