



## Capacitive Sensors S26 Series 80 - PNP

Type of construction G 1"

- Easy Teach by wire
- Housing material: PTFE
- With flange connector M 12 x 1

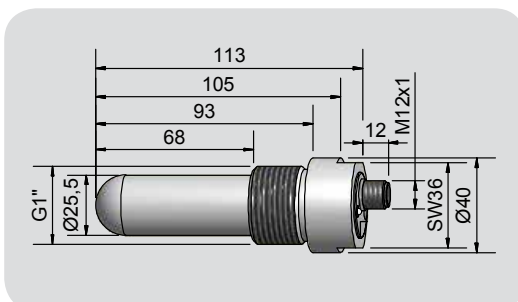
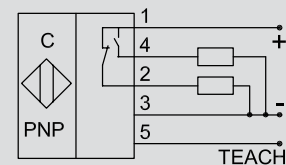


| Technical data                            | Non-flush mountable                       |
|-------------------------------------------|-------------------------------------------|
| Level sensor, in contact with the product | Medium dependent adjustable               |
| Operating distance min. / max. adjustable | 0...20 mm                                 |
| Electrical version                        | 4 - pin DC                                |
| Output function                           | Antivalent                                |
| <b>Type PNP</b>                           | <b>KAS-80-26/113-A-G1-PTFE-Y10-ETW-HP</b> |
| <b>Art.-No.</b>                           | <b>KA 1097</b>                            |
| Operating voltage ( $U_B$ )               | 10...35 V DC                              |
| Voltage drop max. ( $U_d$ )               | ≤ 2.0 V                                   |
| Permitted residual ripple max.            | 10 %                                      |
| Operating current ( $I_o$ )               | 2 x 0...250 mA                            |
| No-load current ( $I_o$ )                 | Typ. 15 mA                                |
| Frequency of operating cycles max.        | Max. 15 Hz                                |
| Permitted ambient temperature             | -25...+70 °C / CIP 121 °C (zero-current)  |
| LED-display                               | Green / yellow                            |
| Protective circuit                        | Built-in                                  |
| Degree of protection IEC 60529            | IP 67*                                    |
| Norm                                      | EN 60947-5-2                              |
| Connection                                | Flange connector M 12 x 1                 |
| Housing material                          | PTFE (FDA 21 CFR 177.1550)                |
| Active surface                            | PTFE (FDA 21 CFR 177.1550)                |
| Lid                                       | PA / PPO                                  |
| Media optimized                           | Yes                                       |

**Accessories** (not delivered with the sensor): For varivent adapter, triclamp adapter, welding socket and matching connectors please see our selection of accessories.

Capacitive Sensors S26 with hemispherical active surface for level control of products with a dielectric constant  $\epsilon_r$  as of 1,1. Products can be:

- Bulk material, like plastic granules, powder, cereals, etc.
- Liquids, like water, juice, wine, oil, chemicals or pharmaceutical solutions and much more.
- Pastes in the food processing industry, liquid glue, resins or glue, etc.



**EasyTeach chart:** LED / Output function  
Yellow = A1 Green = A2

- Adjustment "empty"
- Initializing "empty"
- Adjustment "full"
- Initializing "full"
- Factory reset
- Test

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

**Made in Germany**