



LevelMaster - Capacitive Sensors - S26 - IO-Link

Model Ø 18 mm

- For level control of conductive and/or viscous liquids or pastes, for instance oil, water, ketchup or honey.
- Ideal for level control in the Food Industry or Pharmaceutical Industry
- Housing material: Stainless steel VA No. 1.4305 (AISI 303)
- Adjustment of the sensitivity with ETW- Function (EasyTeach by wire)
- With flange connector M 12 x 1
- Welding sockets and Varivent adapter available for EHEDG conform mounting.



| Technical data | Non-flush mountable |
|--|---|
| Sensitivity | Dielectric constant $\epsilon_r > 1.25$ |
| Electrical version | 3-pin DC |
| Output function | Normally open |
| Factory setting | Water |
| Typ PNP | KS-801-26/400-S-D18-PEEK/VAb-IOL-Y3-ETW-HP |
| Art. No. | KA 1616 |
| Operating voltage (U_B) | 12.5...35 V DC |
| Voltage drop max. (U_o) | ≤ 2.0 V |
| Operating current (I_o) | 0...250 mA |
| No-load current (I_o) | Typ. < 30 mA |
| Frequency of operating cycles, standard | 5 Hz |
| Frequency of operating cycles, adjustable with IO-Link | 3...300 Hz |
| Permitted ambient temperature | -10...+70 °C / CIP 121 °C |
| Permitted product temperature | 0...+100 °C |
| LED-display | Green / orange |
| Protective circuit | Built-in |
| Degree of protection IEC 60529 | IP 67, IP 69K |
| Norm | EN 60947-5-2* |
| Connection | Connector M 12 x 1 |
| Operating pressure | Max. 10 bar |
| Housing material | Stainless steel VA No. 1.4305 / AISI 303 |
| Material active surface | PEEK (FDA 21 CFR 177.2415) |
| Accessories (not supplied with the sensor): Varivent Adapter art.No. 196395, Welding Socket art.No. 196394 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 ϵ_r from 1,25. Products can be:

- Liquids, like water, juice, wine, oil, chemicals or pharmaceutical solutions and much more.

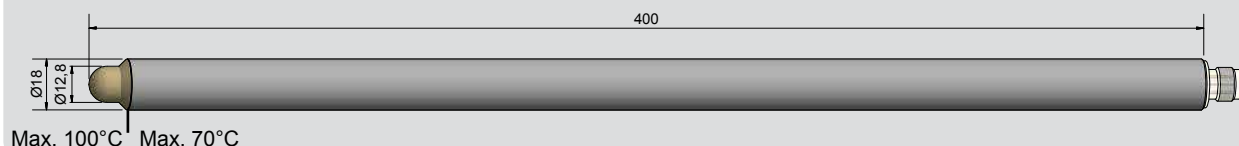
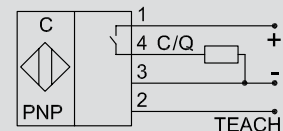
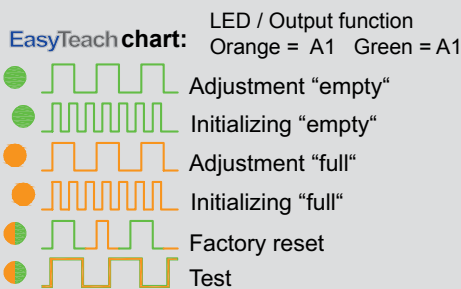
Highlights:

- EHEDG conform
- Measurement is independent of the mounting position
- Permitted pressure on the active area: 10 bar

IO-LINK - INTERFACE

Device ID: 2d/000002h
Vendor ID: 1129d/0469h
Baudrate: COM 3 (230.4 kbaud)
Revision: 1.1
Profil: Smart Sensor
SIO mode: Yes
Port Class: A

*Where applicable



Made in Germany