

## LevelMaster - Capacitive Sensors - S26 - IO-Link



Model G 1/2"

- 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.



<b>Technical data</b>	Non-flush mountable
Sensitivity	Dielectric constant $\epsilon_r > 1.25$
Electrical version	3-pin DC
Output function	Normally open
Factory setting	Water
<b>Typ PNP</b>	<b>KS-801-26/136-S-G1/2-PEEK/VAb-120C-IOL-Y3-ETW-HP</b>
<b>Art. No.</b>	<b>KA 1620</b>
Operating voltage ( $U_B$ )	12.5...35 V DC
Voltage drop max. ( $U_d$ )	$\leq 2.0$ 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	-10 °C...+120 °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)

Capacitive Sensors S26 with hemispherical active surface for level control of products with a dielectric constant  $\epsilon_r$  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

All specifications are subject to change without notice. (25.08.2020)

\*Where applicable

Max. 120°C | Max. 70°C

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

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

**Made in Germany**