



LevelMaster - Capacitive Sensors - S26 - IO-Link

Model: Triclamp

- 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. 1.4404 (AISI 316L)
- 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-801-26/86-S-TRI-PEEK/Vac-IOL-Y3-ETW-HP
Art. No.	KA 1615
Operating voltage (U_B)	12.5...35 V DC
Voltage drop max. (U_D)	≤ 2.0 V
Operating current (I_B)	0...250 mA
No-load current (I_0)	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. 1.4404 (AISI 316L)
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

All specifications are subject to change without notice. (21.08.2020)

*Where applicable

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

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

Made in Germany