

## LevelMaster - Capacitive Sensors - S26



### Model Tri-Clamp DN20

- 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)
- Adjustment of the sensitivity with ETW- Function (EasyTeach by wire)
- With flange connector M 12 x 1



<b>Technical data</b>	Non-flush mountable
Sensitivity	Dielectric constant $\epsilon_r > 1.25$
Electrical version	3-pin DC
Output function	Normally closed (NC)
Factory setting	Water
<b>Typ PNP</b>	<b>KS-801-26/86-S-TRI-PEEK/VAc-Y3-ETW-HP</b>
<b>Art. No.</b>	<b>KA1525</b>
Operating voltage ( $U_B$ )	12.5...35 V DC
Voltage drop max. ( $U_d$ )	$\leq 2.0$ V
Operating current ( $I_e$ )	0...250 mA
No-load current ( $I_o$ )	Typ. < 30 mA
Frequency of operating cycles max.	1 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
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): Tri-Clamp socket (on request) and matching connectors (#193393, #193394) please see our selection of accessories.

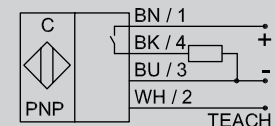
\*Where applicable

Capacitive Sensors of the S26 series with hemispherical active surface for level control of products with a dielectric constant  $\epsilon_r$  from 1,25. Products such as:

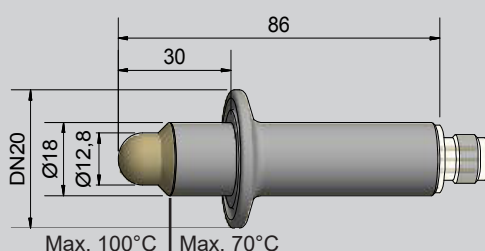
- Liquids, like, juice, wine, oil, chemicals or pharmaceutical solutions and much more.

### Highlights:

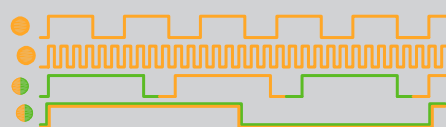
- With Tri-Clamp DN20 process connection (DIN 32676, row A) for easy and quick mounting
- Measurement is independent of the mounting position



All specifications are subject to change without notice. (02.09.2022)



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



- Full setting
- Full setting Initialisation
- Factory setting
- Test

**Made in Germany**