

Capacitive Sensors of the S26 series with hemispherical active surface for level control of products with a dielectric constant \mathcal{E}_{r} from 1,25. Products such as: • Liquids, like, juice, wine,oil, chemicals or pharmaceutical solutions and much more.

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

BN / 1

TEACH

BK / 4 BU / 3 WH / 2

the mounting position

Highlights:

С

PNP

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LevelMaster - Capacitive Sensors - S26

Model Tri-Clamp DN20

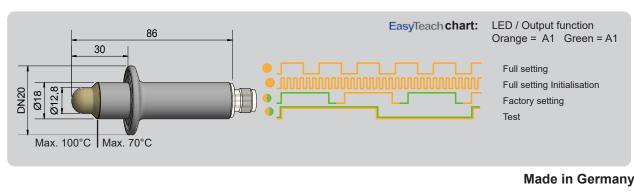
- For level control of conductive and/or viscous liquids or pastes, for instance oil, water, ketchup or honey.
- Ideal for level control in the Food Industry or Pharmaceutical Industry
- Housing material: Stainless steel (VA) •
- Adjustment of the sensitivity with ETW- Function (EasyTeach by wire) •
- With flange connector M 12 x 1 •



SensitivityDielectric constant $\mathcal{E}_r > 1.25$ Electrical version3-pin DCOutput functionNormally closed (NC)Factory settingWaterTyp PNPKS-801-26/86-S-TRI-PEEK/VAC-Y3-ETW-HPArt. No.KA1525Operating voltage (U_p) 12.535 V DCVoltage drop max. (U_d) ≤ 2.0 VOperating current (I_e) 0250 mANo-load current (I_o) Typ. < 30 mAFrequency of operating cycles max.1 HzPermitted ambient temperature-10+70 °C / CIP 121 °CPermitted product temperature0+100 °CLED-displayGreen / orangeProtective circuitBuilt-inDegree of protection IEC 60529IP 67, IP 69KNormEN 60947-5-2*ConnectionConnector M 12 x 1Housing materialStainless steel VA No. 1.4404 (AISI 316L)		
Electrical version3-pin DCOutput functionNormally closed (NC)Factory settingWaterTyp PNPKS-801-26/86-S-TRI-PEEK/VAc-Y3-ETW-HPArt. No.KA1525Operating voltage (UB)12.535 V DCVoltage drop max. (Ua)< 2.0 V	Technical data	Non-flush mountable
Output functionNormally closed (NC)Factory settingWaterTyp PNPKS-801-26/86-S-TRI-PEEK/VAc-Y3-ETW-HPArt. No.KA1525Operating voltage (U_B) 12.535 V DCVoltage drop max. (U_d) ≤ 2.0 VOperating current (I_e) 0250 mANo-load current (I_o) Typ. < 30 mA	Sensitivity	Dielectric constant $\epsilon_r > 1.25$
Factory settingWaterTyp PNPKS-801-26/86-S-TRI-PEEK/VAC-Y3-ETW-HPArt. No.KA1525Operating voltage (UB)12.535 V DCVoltage drop max. (Ua) ≤ 2.0 VOperating current (Ie)0250 mANo-load current (Io)Typ. < 30 mA	Electrical version	3-pin DC
Typ PNPKS-801-26/86-S-TRI-PEEK/VAc-Y3-ETW-HPArt. No.KA1525Operating voltage (U_B) 12.535 V DCVoltage drop max. (U_d) ≤ 2.0 VOperating current (I_e) 0250 mANo-load current (I_o) Typ. $<$ 30 mAFrequency of operating cycles max.1 HzPermitted ambient temperature $-10+70$ °C / CIP 121 °CPermitted product temperature $0+100$ °CLED-displayGreen / orangeProtective circuitBuilt-inDegree of protection IEC 60529IP 67, IP 69KNormEN 60947-5-2*ConnectionConnector M 12 x 1Housing materialStainless steel VA No. 1.4404 (AISI 316L)Material active surfacePEEK (FDA 21 CFR 177.2415)	Output function	Normally closed (NC)
Art. No.KA1525Operating voltage (U_B) $12.535 \lor DC$ Voltage drop max. (U_d) $\leq 2.0 \lor$ Operating current (I_e) $0250 mA$ No-load current (I_o) Typ. $< 30 mA$ Frequency of operating cycles max. $1 Hz$ Permitted ambient temperature $-10+70 \degree C / CIP 121 \degree C$ Permitted product temperature $0+100 \degree C$ LED-displayGreen / orangeProtective circuitBuilt-inDegree of protection IEC 60529IP 67, IP 69KNormEN 60947-5-2*ConnectionConnector M 12 x 1Housing materialStainless steel VA No. 1.4404 (AISI 316L)Material active surfacePEEK (FDA 21 CFR 177.2415)	Factory setting	Water
Operating voltage (U_B)12.535 V DCVoltage drop max. (U_d) ≤ 2.0 VOperating current (I_c)0250 mANo-load current (I_o)Typ. < 30 mA	Тур РМР	KS-801-26/86-S-TRI-PEEK/VAc-Y3-ETW-HP
Voltage drop max. (U_d) $\leq 2.0 V$ Operating current (I_e) $0250 mA$ No-load current (I_o) Typ. < 30 mA	Art. No.	KA1525
Operating current (I,)0250 mANo-load current (I,)Typ. < 30 mA	Operating voltage (U _B)	12.535 V DC
No-load current (I_o)Typ. < 30 mAFrequency of operating cycles max.1 HzPermitted ambient temperature-10+70 °C / CIP 121 °CPermitted product temperature0+100 °CLED-displayGreen / orangeProtective circuitBuilt-inDegree of protection IEC 60529IP 67, IP 69KNormEN 60947-5-2*ConnectionConnector M 12 x 1Housing materialStainless steel VA No. 1.4404 (AISI 316L)Material active surfacePEEK (FDA 21 CFR 177.2415)	Voltage drop max. (U _d)	≤ 2.0 V
Frequency of operating cycles max.1 HzPermitted ambient temperature-10+70 °C / CIP 121 °CPermitted product temperature0+100 °CLED-displayGreen / orangeProtective circuitBuilt-inDegree of protection IEC 60529IP 67, IP 69KNormEN 60947-5-2*ConnectionConnector M 12 x 1Housing materialStainless steel VA No. 1.4404 (AISI 316L)Material active surfacePEEK (FDA 21 CFR 177.2415)	Operating current (I _e)	0250 mA
Permitted ambient temperature-10+70 °C / CIP 121 °CPermitted product temperature0+100 °CLED-displayGreen / orangeProtective circuitBuilt-inDegree of protection IEC 60529IP 67, IP 69KNormEN 60947-5-2*ConnectionConnector M 12 x 1Housing materialStainless steel VA No. 1.4404 (AISI 316L)Material active surfacePEEK (FDA 21 CFR 177.2415)	No-load current (I _o)	Typ. < 30 mA
Permitted product temperature0+100 °CLED-displayGreen / orangeProtective circuitBuilt-inDegree of protection IEC 60529IP 67, IP 69KNormEN 60947-5-2*ConnectionConnector M 12 x 1Housing materialStainless steel VA No. 1.4404 (AISI 316L)Material active surfacePEEK (FDA 21 CFR 177.2415)	Frequency of operating cycles max.	1 Hz
LED-displayGreen / orangeProtective circuitBuilt-inDegree of protection IEC 60529IP 67, IP 69KNormEN 60947-5-2*ConnectionConnector M 12 x 1Housing materialStainless steel VA No. 1.4404 (AISI 316L)Material active surfacePEEK (FDA 21 CFR 177.2415)	Permitted ambient temperature	-10+70 °C / CIP 121 °C
Protective circuitBuilt-inDegree of protection IEC 60529IP 67, IP 69KNormEN 60947-5-2*ConnectionConnector M 12 x 1Housing materialStainless steel VA No. 1.4404 (AISI 316L)Material active surfacePEEK (FDA 21 CFR 177.2415)	Permitted product temperature	0+100 °C
Degree of protection IEC 60529IP 67, IP 69KNormEN 60947-5-2*ConnectionConnector M 12 x 1Housing materialStainless steel VA No. 1.4404 (AISI 316L)Material active surfacePEEK (FDA 21 CFR 177.2415)	LED-display	Green / orange
NormEN 60947-5-2*ConnectionConnector M 12 x 1Housing materialStainless steel VA No. 1.4404 (AISI 316L)Material active surfacePEEK (FDA 21 CFR 177.2415)	Protective circuit	Built-in
ConnectionConnector M 12 x 1Housing materialStainless steel VA No. 1.4404 (AISI 316L)Material active surfacePEEK (FDA 21 CFR 177.2415)	Degree of protection IEC 60529	IP 67, IP 69K
Housing materialStainless steel VA No. 1.4404 (AISI 316L)Material active surfacePEEK (FDA 21 CFR 177.2415)	Norm	EN 60947-5-2*
Material active surface PEEK (FDA 21 CFR 177.2415)	Connection	Connector M 12 x 1
	Housing material	Stainless steel VA No. 1.4404 (AISI 316L)
Accessories (not supplied with the sensor): Tri-Clamp socket (on request) and matching	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.





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