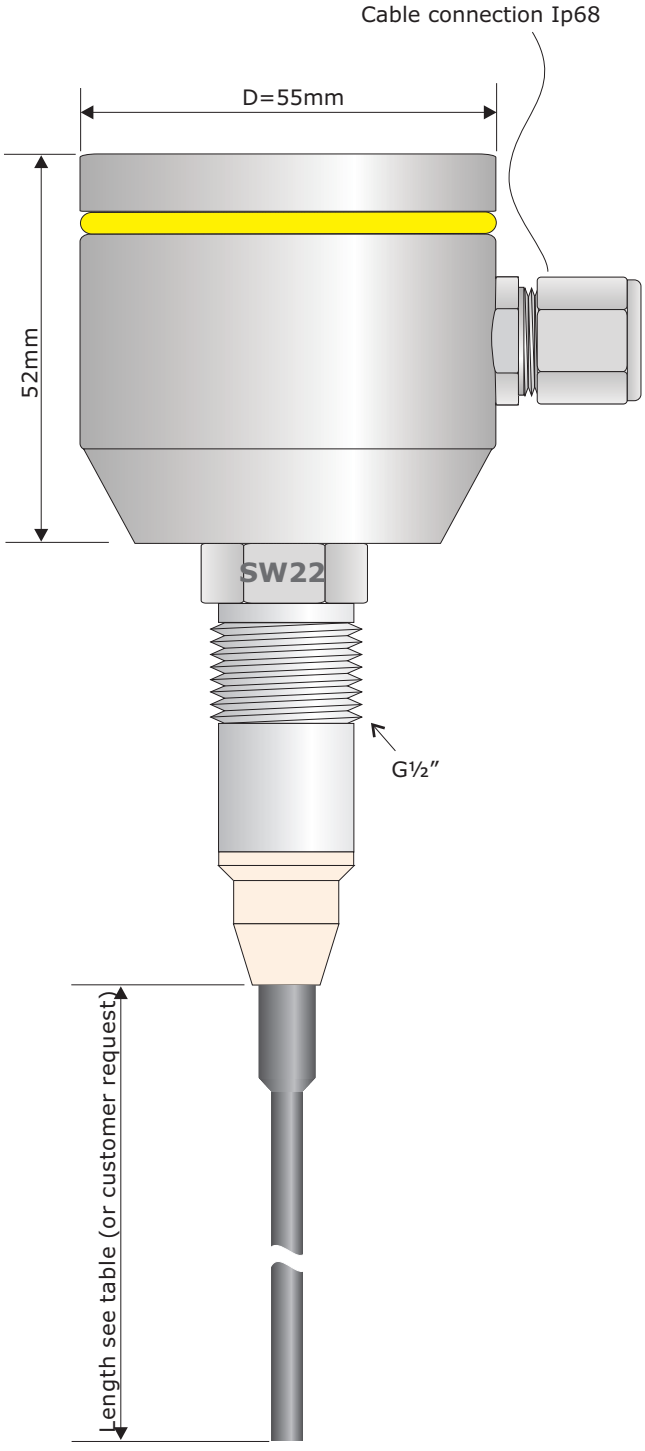
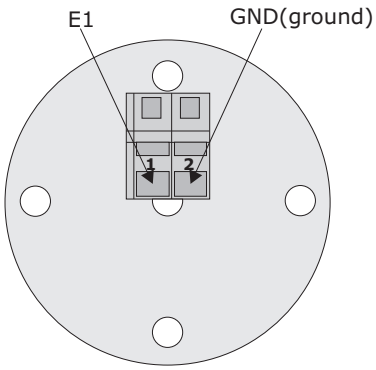
LEVEL SENSOR

ITEM... CS1-8-P





APPLICATION AREA

Level sensor for the conductive monitoring of liquid levels.

CHARACTERISTICS

°C
- 0°C
+ 120°C

PEEK/PFA
316L

IP68

*2
FDA
COMPLIANT

*1
EHEDG
COMPLIANT

TECHNICAL DATA

General

Length EL	200; 500; 1000; 2000mm
Electrode diameter	4mm // 8mm
Connection	Cable connection M16x1.5 // M12

Material

Connection head	Stainless steel 1.4305
Thread connection	Stainless steel 1.4305
Electrodes	Stainless steel 1.4404
Isolator	PEEK
Coating (Electrodes)	PFA

Operating conditions

Ambient temperature / head	-10... +60°C
Process / cleaning time	140°C / 30min.
Protection class	IP 68
Operating pressure	Max. 10bar
Process temperature	0... +100°C
Permanent temperature / head	0... +70°C
Tightening torque	10...20Nm

COMMENTS

*1 Relates to the process adaption with a permitted welding sleeve.

*2 Relates to the process-related coating up to a temperature of 120°C.

!CAUTION!

- If the dewpoint is undercut condensation may destroy the sensor.
- When the device is strained by temperature changements e.g. cold water jet on hot sensor, the sensor may soak in liquidity (List not exhaustive!). (Requirements cp. DIN EN 60068-2-14)

➜ For applications with possible strains through dewpoint -, thermal shock-, or temperature changements we recommend partial or better full casting.

The density categorisation according to IP68 does not imply that these parts are approriate for applications with dewpoint undercut or thermal shock DIN 60068-2-14).

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