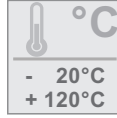


APPLICATION AREA



Conductive level sensor with integrated Pt100 temperature sensor.

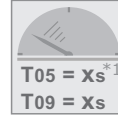
CHARACTERISTICS



VA



IP68



T05 = xs*1
T09 = xs



EHEDG
COMPLIANT

TECHNICAL DATA

Sensor part made of stainless steel

Length	15mm
Electrode diameter	9mm

Sensor elements

Pt100 class A; 4- wire technique

Material

Connection head	Stainless steel 1.4305
Thread connection	Stainless steel 1.4305
Electrodes	Stainless steel 1.4404
Isolator	PEEK

Operating conditions

Ambient temperature / head	-20... +70°C
Process / cleaning time	140°C / 30min.
Protection class	IP 68
Operating pressure*2	Max. 10bar
Process temperature	0... +125°C
Permanent temperature / head	0... +70°C
Tightening torque	10...20Nm

COMMENTS

- *1 Measured in water ; 70°C ; 0,04 m/sec
- *2 Relates to the process adaption with a permitted welding sleeve.

!CAUTION!

- If the dewpoint is undercut condensation may destroy the sensor.
- When the device is strained by temperature changes 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 changes we recommend partial or better full casting.

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