

Product Information

Conductive Point Level Sensor with Pt100 Sensor SLT420-2

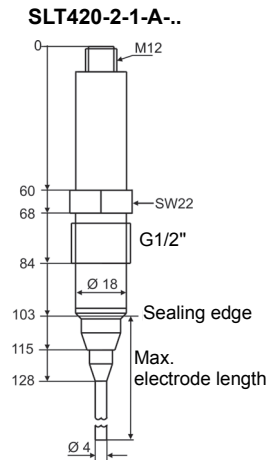


- Passive point level and temperature measurement
- 1 point level with integrated RTD Pt100 sensor
- Process connection GHMadapt G1/2" hygienic
- Round case stainless steel type Ø 18 mm
- No moving parts in the medium
- Without electronic
- Electrode cannot be shortened afterwards

Technical data

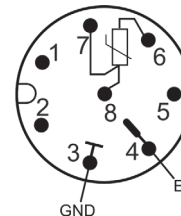
Number of electrodes : 1
 Electrode length : 15..1000 mm
 Temperature sensor : Pt100, class A
 Process temperature : -20..+120 °C, 140 °C < 30 min
 CIP-/SIP-capable
 Ambient temperature : -20..+80 °C
 Process pressure : -1..+10 bar
 Process material : 1.4404, PEEK, FDA conform
 food safe acc. to EHEDG
 conform regulation 1935/2004 & 10/2011
 EHEDG : certificate no. 28/2011
 Process connection : compatible to standard hygienic threads
 G1/2" hygienic
 Stud torque : 5..10 Nm
 Case : round case stainless steel type Ø18 mm
 Electrical connection : M12 plug (8-pin)
 Material : 1.4305
 Protection class : IP67 / IP69K
 CE-conformity : EN 50581:2012

Dimensions



Connection diagram

M12 plug, 8-pin



Cable colors:
 3 = green : ground
 4 = black : electrode
 6 = pink, 7 = blue, 8 = red : Pt100 sensor

Order code

SLT420 - 1. - 2. - 3. - 4. - 5. - 6. - 7. - 8.

1. Process connection	
2	G1/2" hygienic
2. Number of electrodes	
1	1 electrode
3. Electrode type	
A	rod
4. Electrode length [mm]	
0015	15 (min. length)
0200	200
0500	500
1000	1000
xxx	special length on request
5. Electrode surface	
0	uncoated
6. Electrical connection	
0	M12 plug
7. Options	
00	without option
8. Certificate DIN EN 10204, indicate only when required	
WZ.2	factory certification 2.2
Accessories	
ACH113	8-pole hygienic connection cable, straight
ACH123	8-pole hygienic connection cable, angular