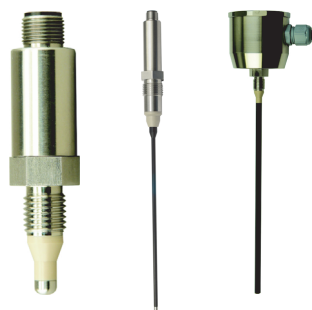


SLR420-1, SLR420-2, SLR430-1, SLR430-2, SLR430-3, SLT420-2, SLT430-2, SLT430-3 Пассивный кондуктометрический датчик уровня

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Conductive Point Level Sensor SLR420-1



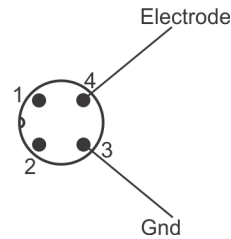
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Hygienic Design

Connection diagram

M12 device plug, 4-pole



Cable colors:

1 = n.c., 2 = n.c., 3 = blue, 4 = black

- 1 point level
- Process connection GHMadapt M12x1.5
- Round case SS-type Ø 18 mm
- No moving parts in the medium
- Without electronic
- Passive sensor

Technical data

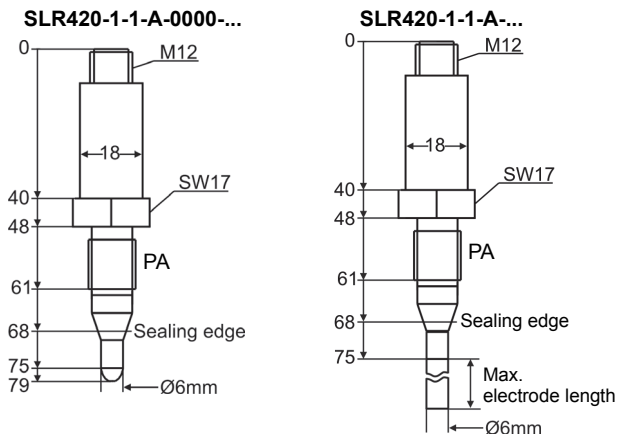
Number of electrodes : 1
 Electrode length : 4..200 mm
 Process temperature : -20..+120 °C, 140 °C < 30 min
 CIP-/SIP-capable
 Ambient temperature : -20..+80 °C
 Process pressure : -1..+10 bar
 Process material : 1.4404, PEEK, PFA-coated,
 FDA conform
 Process connection : compatible to standard hygienic threads
 M12x1.5
 Stud torque : 5..10 Nm
 Case : round case SS-type Ø18 mm
 Electrical connection : M12 plug
 Material : 1.4305
 Protection class : IP67 / IP69K

Ordering code

SLR420 - 1. - 2. - 3. - 4. - 5. - 6. - 7. - 8.

1. Process connection (PA)	
1	M12x1.5
2. Number of electrodes	
1	1 electrode
3. Electrode type (rod or cable)	
A	rod
4. Electrode length [mm]	
0000	stub rod
0200	200
XXXX	customized length (on request)
5. Electrode surface	
0	uncoated (standard)
1	PFA, black coated
6. Electrical connection	
0	M12 plug
7. Options	
00	without option
8. Certificate DIN EN 10204, indicate only when required	
WZ2.2	factory certification 2.2

Dimensions



Conductive Point Level Sensor SLR420-2

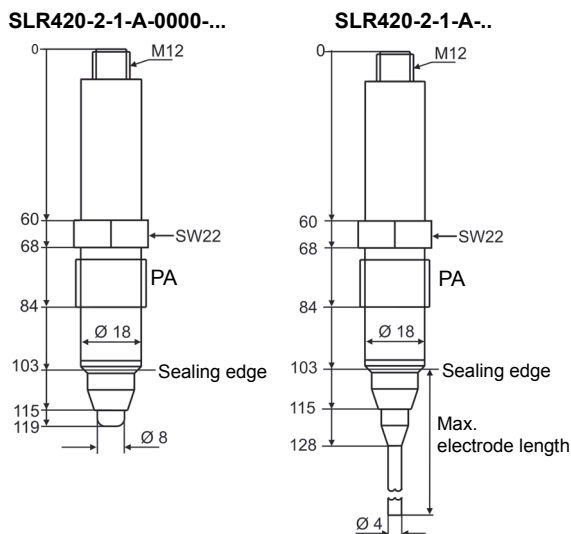


- 1 point level
- Process connection GHMadapt G $\frac{1}{2}$
- Round case SS-type \varnothing 18 mm
- No moving parts in the medium
- Without electronic
- Passive sensor

Technical data

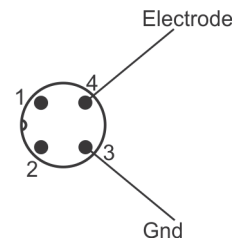
Number of electrodes	: 1
Electrode length	: 4..5000 mm
Process temperature	: -20..+120 °C, 140 °C < 30 min CIP-/SIP-capable
Ambient temperature	: -20..+80 °C
Process pressure	: -1..+10 bar
Process material	: 1.4404, PEEK, PFA-coated, FDA conform food safe acc. to EHEDG
EHEDG certificate no.	: 28/2011
Process connection	: compatible to standard hygienic threads G $\frac{1}{2}$
Stud torque	: 5..10 Nm
Case	: round case SS-type \varnothing 18 mm
Electrical connection	: M12 plug
Material	: 1.4305
Protection class	: IP67 / IP69K

Dimensions



Connection diagram

M12 device plug, 4-pole



Cable colors:
1 = n.c., 2 = n.c. 3 = blue, 4 = black

Ordering code

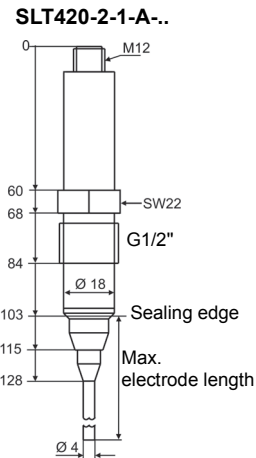
SLR420 - 1. - 2. - 3. - 4. - 5. - 6. - 7. - 8.

1. Process connection (PA)	
2	G $\frac{1}{2}$
2. Number of electrodes	
1	1 electrode
3. Electrode type (rod or cable)	
A	rod
4. Electrode length [mm]	
0000	stub rod
0200	200
0500	500
1000	1000
1500	1500
2000	2000
2500	2500
3000	3000
3500	3500
4000	4000
4500	4500
5000	5000
XXXX	customized length (on request)
5. Electrode surface	
0	uncoated (standard)
1	0200 PFA black
	0500 PFA black
	1000 PFA black
	1500 PFA black
	2000 PFA black
	Custom length (on request)
6. Electrical connection	
0	M12 plug
7. Options	
00	without option
8. Certificate DIN EN 10204, indicate only when required	
WZ2.2	factory certification 2.2

Conductive Point Level Sensor with Pt100 Sensor SLT420-2



Dimensions



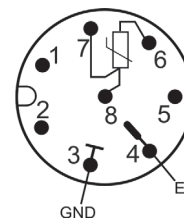
- Passive point level and temperature measurement
- 1 point level with integrated RTD Pt100 sensor
- Process connection GHMadapt G1/2" hygienic
- Round case stainless steel type Ø 18 mm
- No moving parts in the medium
- Without electronic
- Electrode cannot be shortened afterwards

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 conform regulation 1935/2004 & 10/2011
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

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	
WZ2.2	factory certification 2.2
Accessories	
ACH113	8-pole hygienic connection cable, straight
ACH123	8-pole hygienic connection cable, angular

Conductive Point Level Sensor SLR430-1



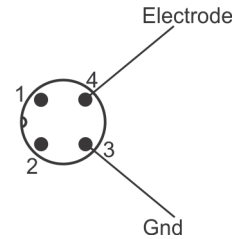
Martens

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Hygienic Design

Connection diagram

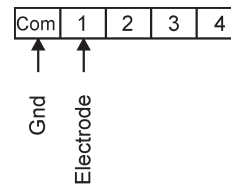
M12 device plug, 4-pole



Cable colors:

1 = n.c. , 2 = n.c. , 3 = blue, 4 = black

Internal terminal strip

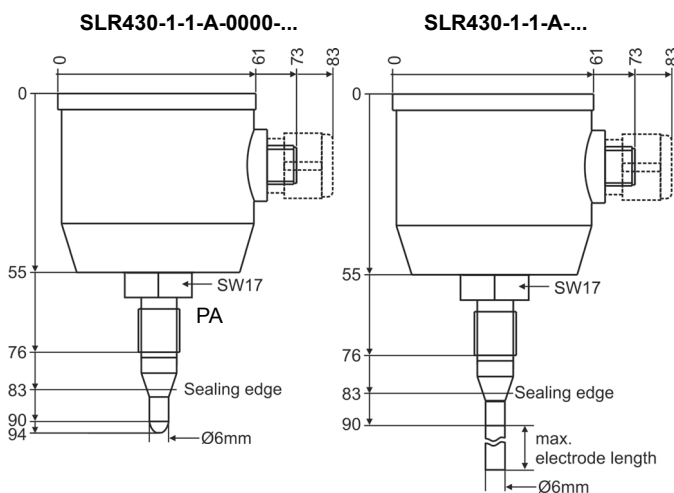


- 1 point level
- Process connection GHMadapt M12x1,5
- Round case SS-type Ø 59 mm
- No moving parts in the medium
- Without electronic
- Passive sensor

Technical data

Number of electrodes	: 1
Electrode length	: 4..200 mm
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, PFA-coated, FDA conform
Process connection	: compatible to standard hygienic threads M12x1.5
Stud torque	: 5..10 Nm
Case	: round case SS-type Ø 59 mm
Material	: 1.4305
Electrical connection	: M12 plug or cable gland M16x1.5 Polyamide (PA) or SS-type 1.4305
Protection class	: IP67 / IP69K

Dimensions



Ordering code

SLR430 - - - - - - - -

1. Process connection (PA)	
1	M12x1.5
2. Number of electrodes	
1	1 electrode
3. Electrode type (rod or cable)	
A	rod
4. Electrode length [mm]	
0000	stub rod
0200	200
XXXX	customized length (on request)
5. Electrode surface	
0	uncoated (standard)
1	PFA, black coated
6. Electrical connection	
0	M12 plug
1	cable gland PA
2	cable gland 1.4305
7. Options	
00	without option
8. Certificate DIN EN 10204, indicate only when required	
WZ2.2	factory certification 2.2

Conductive Point Level Sensor with Pt100 Sensor SLT430-2

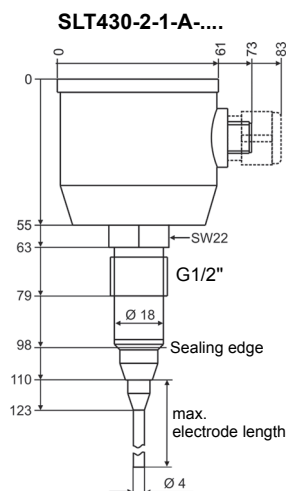


- Passive point level and temperature measurement
- 1 point level with integrated RTD Pt100 sensor
- Process connection GHMadapt G $\frac{1}{2}$ " hygienic
- Round case stainless steel type \varnothing 59 mm
- No moving parts in the medium
- Without electronic
- Electrode cannot be shortened afterwards

Technical data

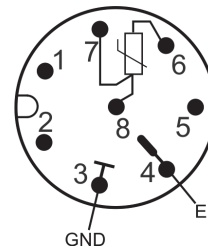
Number of electrodes	: 1
Electrode length	: 15..1000 mm
Temperature sensor	: Pt100 class A
Process temperature	: -20..+120 °C, 140 °C < 30 min CIP-/SIP-capable
Ambient temperature	: -20..+80 °C
Process pressure	: -1..+10 bar
Process material	: 1.4404, PEEK, FDA conform, conform regulation 1935/2004 & 10/2011
Process connection	: compatible to standard hygienic threads G $\frac{1}{2}$ " hygienic
Stud torque	: 5..10 Nm
Case	: round case stainless steel type \varnothing 59 mm
Material	: 1.4305
Electrical connection	: M12 plug, 8-pin
Protection class	: IP67 / IP69K
CE-conformity	: EN 50581:2012

Dimensions



Connection diagram

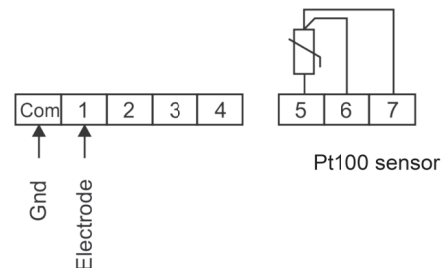
M12 plug, 8-pin



Cable colors:

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

Internal terminal



Order code

SLT430 - - - - - - - -

1. Process connection	
2	G $\frac{1}{2}$ " 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 (standard)
1	PFA black on request
6. Electrical connection	
0	M12 plug
1	cable gland Polyamide (PA) M16x1.5
2	cable gland stainless steel (1.4305) M16x1.5
7. Options	
00	without option
8. Certificate DIN EN 10204, indicate only when required	
WZ2.2	factory certification 2.2
Accessories	
ACH113	8-pole hygienic connection cable, straight
ACH123	8-pole hygienic connection cable, angular

Conductive Point Level Sensor SLR430-3

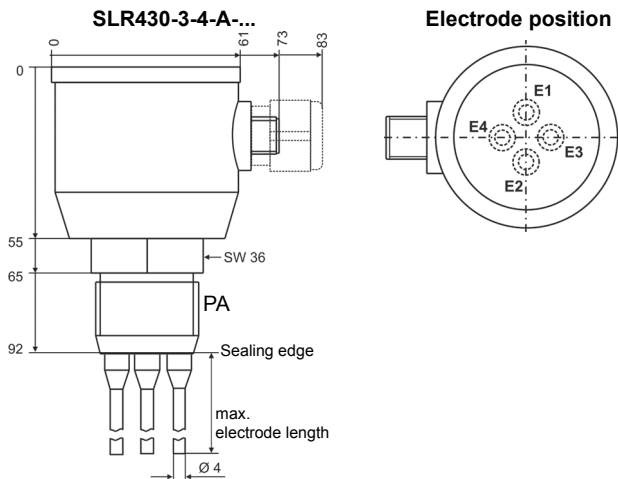


- 4 point levels
- Process connection GHMadapt G1
- Round case SS-type Ø 59 mm
- No moving parts in the medium
- Without electronic
- Passive sensor

Technical data

Number of electrodes	: 1..4
Electrode length	: 15..5000 mm
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, PFA-coated, FDA conform
Process connection	: compatible to standard hygienic threads G1
Stud torque	: 10..20 Nm
Case	: round case SS-type Ø 59 mm
Material	: 1.4305
Electrical connection	: M12 plug or cable gland M16x1.5 Polyamide (PA) or SS-type 1.4305
Protection class	: IP67 / IP69K

Dimensions

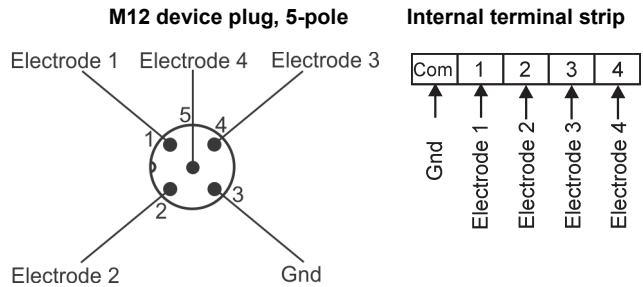


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Hygienic Design

Connection diagram



Cable colors: 1 = brown, 2 = white, 3 = blue, 4 = black, 5 = grey

Ordering code

SLR430 - - - - - - - -

1. Process connection (PA)	
3	G1
2. Number of electrodes	
1	1 electrode
2	2 electrodes
3	3 electrodes
4	4 electrodes
3. Electrode type (rod or cable)	
A	rod
4. Electrode length [mm]	
0200	200
0500	500
1000	1000
1500	1500
2000	2000
2500	2500
3000	3000
3500	3500
4000	4000
4500	4500
5000	5000
XXXX	customized length (on request)
5. Electrode surface	
0	uncoated (standard)
1	0200 PFA, black coated
	0500 PFA, black coated
	1000 PFA, black coated
	1500 PFA, black coated
	2000 PFA, black coated
	Custom length (on request)
6. Electrical connection	
0	M12 plug
1	cable gland PA M16x1.5
2	cable gland V2A (1.4305) M16x1.5
7. Options	
00	without option
8. Certificate DIN EN 10204, indicate only when required	
WZ2.2	factory certification 2.2
Accessories	
AMD100	Spacer for multi-rod sensors

Conductive Point Level Sensor with Pt100 Sensor SLT430-3

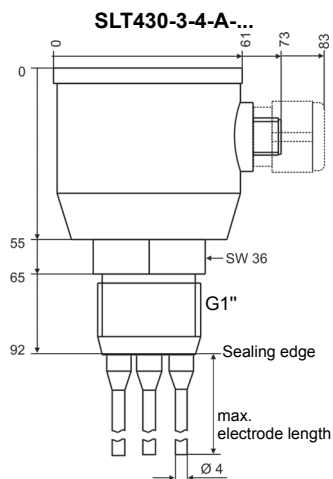


- Passive point level and temperature measurement
- 4 point levels with 1x integrated RTD
- Process connection GHMadapt G1" hygienic
- Round case stainless steel type Ø 59 mm
- No moving parts in the medium
- Without electronic
- Electrode E2 cannot be shortened afterwards

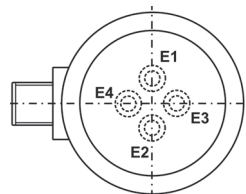
Technical data

Number of electrodes	: 1..4
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 according to EHEDG conform regulation 1935/2004 & 10/2011
EHEDG certificate no.	: 28/2011
Process connection	: G1" hygienic
Stud torque	: 10..20 Nm
Case	: round case stainless steel type Ø 59 mm
Material	: 1.4305
Electrical connection	: M12 plug or cable gland M16x1.5 Polyamide (PA) or stainless steel type 1.4305
Protection class	: IP67 / IP69K
CE-conformity	: EN 50581:2012

Dimensions



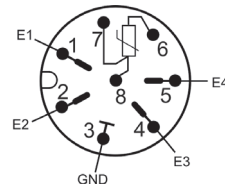
Electrode position



E2 = Rod with integr. Pt100 Sensor
Note:
Electrode cannot be shortened afterwards.

Connection diagram

M12 plug, 8-pin

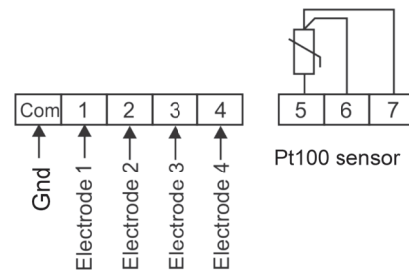


E1-E4 = Electrodes

Cable colours:

1 = white, 2 = brown, 4 = yellow, 5 = grey	: electrodes
3 = green	: ground
6 = pink, 7 = blue, 8 = red	: Pt100 sensor

Internal terminal



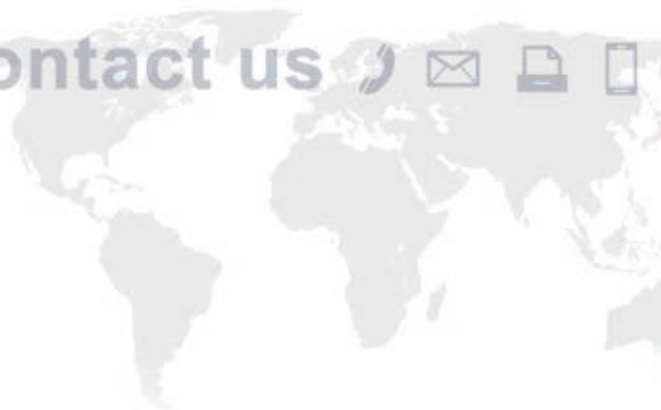
Order code

SLT430 - 1. - 2. - 3. - 4. - 5. - 6. - 7. - 8.

1. Process connection	
3	G1" hygienic
2. Number of electrodes	
1	1 electrode
2	2 electrodes
3	3 electrodes
4	4 electrodes
3. Electrode type	
A	rod
4. Electrode length [mm]	
0200	200
0500	500
1000	1000
xxx	special length on request
5. Electrode surface	
0	uncoated (standard)
6. Electrical connection	
0	M12 plug
1	cable gland Polyamide (PA) M16x1.5
2	cable gland stainless steel (1.4305) M16x1.5
7. Options	
00	without option
8. Certificate DIN EN 10204, indicate only when required	
WZ2.2	factory certification 2.2

Accessories	
AMD100	Spacer for multi-rod sensors
ACH113	8-pole hygienic connection cable, straight
ACH123	8-pole hygienic connection cable, angular

contact us



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