

Product Information

Conductive Point Level Switch MLR430-1

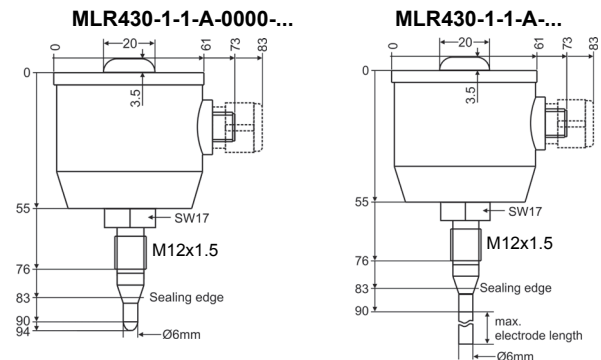


- 1 limit level with 3 switch outputs, freely configurable
- Process connection GHMadapt M12x1.5 hygienic
- Round case, stainless steel type Ø 59 mm
- Flexible mounting: compact version
- No moving parts in the medium
- Sensitivity programmable
- Parameters programmable with GHMware via USB interface
- Isolation between sensor system, case / supply, output
- Wide range LED indicator

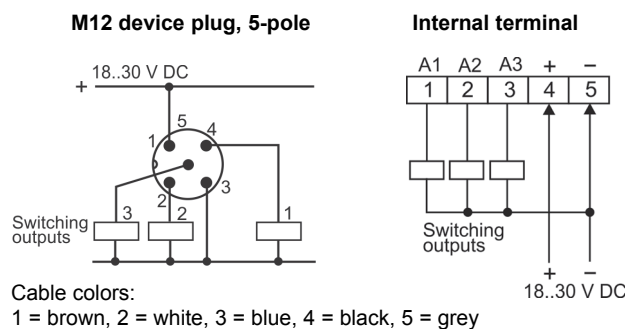
Technical data

Compact version	
Supply voltage	: 18...30 V DC
Power consumption	: < 3 VA
CE-conformity	: EN 61326-1:2013
Ambient conditions	
Ambient temperature	: -20...+70 °C
Climatic class	: EN 60068-2-38:2009
Vibration class	: EN 60068-2-6:2008, GL Test 2
Input	: 1
Response time	: 0.05...10 s, programmable
Output	: NO / NC programmable
3 x Electronic	: transistor PNP, max. 30 V DC / 100 mA
Electrical connection	: M12x1 plug or cable gland M12x1.5 Polyamide (PA) or stainless steel type 1.4305
Isolation	: sensor system, case / supply, output
LED indicator	: red/green programmable
Case	: round case, stainless steel type Ø 59 mm
Material	: 1.4305
LED-cap	: Acrylic glass (PMMA)
Protection class	: IP67 / IP69K
Electrode	: 1
Electrode length	: 4...200 mm
Process temperature	: -20...+100 °C, 140 °C < 30 min CIP-/SIP-capable
Process pressure	: -1...+10 bar
Min. media conductance	: > 2µS
Process material	: 1.4404, PEEK, PFA-coated, FDA conform
Process connection	: M12x1.5
Stud torque	: 5...10 Nm

Dimensions



Connection diagram



Order code

MLR430 - 1. - 2. - 3. - 4. - 5. - 6. - 7. - 8.

1. Process connection	
1	M12x1.5 hygienic
2. Number of electrodes	
1	1 electrode
3. Electrode type	
A	rod
4. Electrode length [mm]	
0000	stub rod
0200	200
XXXX	customized length (on request)
5. Electrode surface	
0	uncoated (standard)
1	black coated, PFA material
6. Electrical connection	
0	M12 plug
1	cable gland, plastic (PA) M12x1.5
2	cable gland, stainless steel type (1.4305) M12x1.5
7. Options	
00	without option
8. Certificate DIN EN 10204 (indicate only when required)	
WZ2.2	factory certification 2.2
Accessories	
ACI211	USB programming cable for MLx43x