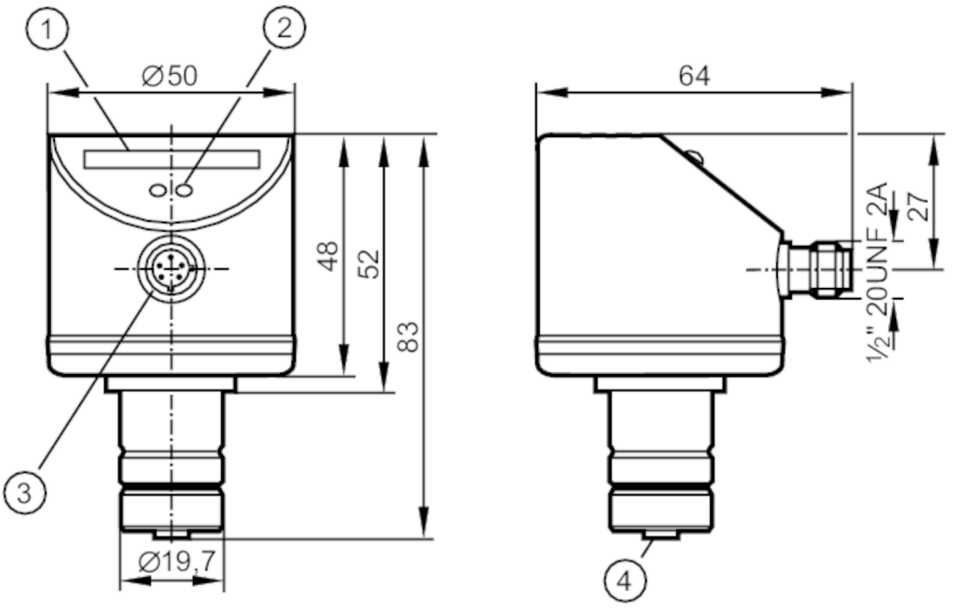
# SR5906

## Control monitor for flow sensors

SRM12XXAKOW/LS-100-IRF




1 LED bar display
2 setting pushbutton
3 connection for voltage supply and output signals
4 connection for flow sensor

| | | |
|---|---|---|
| **Application** | | |
| Application | | Flow monitoring; Wire monitoring |
| **Electrical data** | | |
| Frequency AC | [Hz] | 47...63 |
| Operating voltage tolerance | [%] | -15...10 |
| Operating voltage | [V] | 90...240 AC |
| Max. power consumption | [VA] | 3.5 |
| Protection class | | II |
| Reverse polarity protection | | no |
| Power-on delay time | [s] | 10 |
| Number of channels | | 1 |
| **Outputs** | | |
| Electrical design | | relay |
| Contact rating | | 3 A (250 V AC / 30 V DC); (switching cycles at 3 A load: 100.000; type of switch-off: normally open) |
| Switching cycles (mechanical) | | 20_Millionen |
| Switching function flow monitoring | | output switches when flow is present: ON for output function = normally open / OFF for output function = normally closed |
| Short-circuit protection | | no |
| Overload protection | | no |

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| | | | |
|---|---|---|---|
| **Software / programming** | | | |
| Adjustment of the switch point | | pushbutton | |
| **Operating conditions** | | | |
| Ambient temperature | [°C] | -20...60 | |
| Protection | | IP 67;  (with sensor attached) | |
| **Tests / approvals** | | | |
| EMC | | EN 61000-4-2 ESD | 4 kV CD / 8 kV AD |
| | | EN 61000-4-3 HF radiated | 10 V/m |
| | | EN 61000-4-4 Burst | 2 kV |
| | | EN 61000-4-6 HF conducted | 10 V |
| Shock resistance | | DIN IEC 68-2-27 | 30 g (6 ms) |
| Vibration resistance | | DIN IEC 68-2-6 | 2 g (55...2000 Hz) |
| MTTF | [years] | 209 | |
| **Mechanical data** | | | |
| Weight | [g] | 244.5 | |
| Materials | | stainless steel (1.4404 / 316L); stainless steel (1.4301 / 304); PC; PBT-GF20; EPDM/X; brass | |
| **Displays / operating elements** | | | |
| Display | | function | LED, bar graph |
| | | switching status | LED, orange flash in case of wire break |
| **Electrical connection** | | | |
| Required protection | | miniature fuse to IEC60127-2 sheet 1; ≤ 5 A; fast acting | |
| **Remarks** | | | |
| Remarks | | Connection for flow sensor without short-circuit protection / reverse polarity protection. | |
| | | The flow sensor must be directly connected to the control monitor. | |
| | | A connection by means of extension cables is not allowed. | |
| | | Recommendation Check the safe functioning of the unit after a short circuit. | |
| Pack quantity | | 1 pcs. | |

**Electrical connection**

Connector: 1 x 1/2"; coding: C

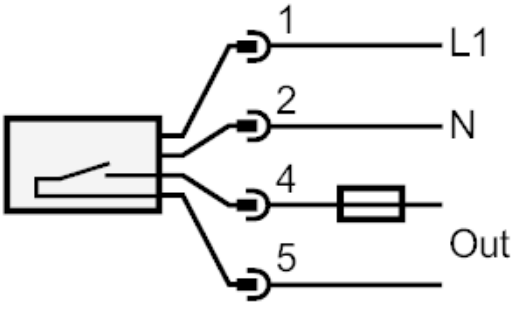


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**SRM12XXAKOW/LS-100-IRF**

### Connection




| | |
|---|---|
| n.c. = | not used |
| Note | miniature fuse to IEC60127-2 sheet 1 ≤ 5 A fast acting |
| Caution | no protective insulation between relay circuit and supply voltage |