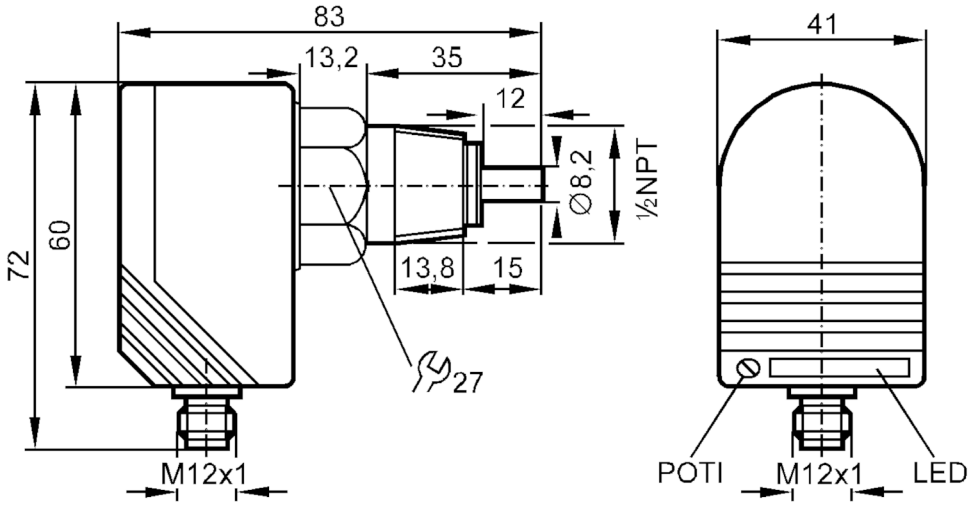
# ST0542

## Flow monitor

SCN12ADBFPKG/US-100-IPF

Article no longer available - archive entry

Alternative articles: SI5000 + E40107
When selecting an alternative article and accessories please note that technical data may differ!




| | | |
|---|---|---|
| **Product characteristics** | | |
| Number of inputs and outputs | | Number of digital outputs: 1 |
| Process connection | | 1/2" NPT |
| **Application** | | |
| Application | | high pressure |
| Media | | Liquids |
| Medium temperature | [°C] | -25...80 |
| Pressure rating | [bar] | 300 |
| **Electrical data** | | |
| Operating voltage | [V] | 20...36 DC |
| Current consumption | [mA] | < 45 |
| Reverse polarity protection | | yes |
| Power-on delay time | [s] | < 20 |
| **Inputs / outputs** | | |
| Number of inputs and outputs | | Number of digital outputs: 1 |
| **Outputs** | | |
| Total number of outputs | | 1 |
| Output signal | | switching signal |
| Electrical design | | PNP |
| Number of digital outputs | | 1 |

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| | | | |
|---|---|---|---|
| Output function | | | normally open / normally closed; (parameterisable) |
| Max. voltage drop switching output DC | [V] | | 2.5 |
| Permanent current rating of switching output DC | [mA] | | 400 |
| Short-circuit protection | | | yes |
| Type of short-circuit protection | | | pulsed |
| Overload protection | | | yes |
| **Measuring/setting range** | | | |
| Setting range | [cm/s] | | 3...300 |
| Greatest sensitivity | [cm/s] | | 3...60 |
| **Accuracy / deviations** | | | |
| Temperature gradient | [K/min] | | 15 |
| **Response times** | | | |
| Response time | [s] | | 1...10 |
| **Software / programming** | | | |
| Adjustment of the switch point | | | potentiometer |
| **Operating conditions** | | | |
| Ambient temperature | [°C] | | -20...80 |
| Protection | | | IP 67 |
| **Mechanical data** | | | |
| Materials | | | PBT-GF20 |
| Materials (wetted parts) | | | stainless steel (316Ti/1.4571) |
| Process connection | | | 1/2" NPT |
| **Displays / operating elements** | | | |
| Display | | function | 11 x LED |
| **Remarks** | | | |
| Pack quantity | | | 1 pcs. |
| **Electrical connection** | | | |

Connector: 1 x M12; coding: A

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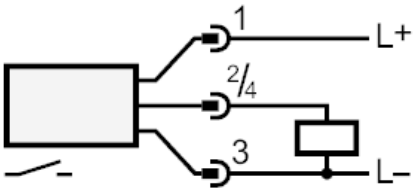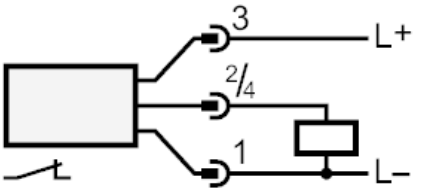
## Connection