# ST0522

#### Flow monitor

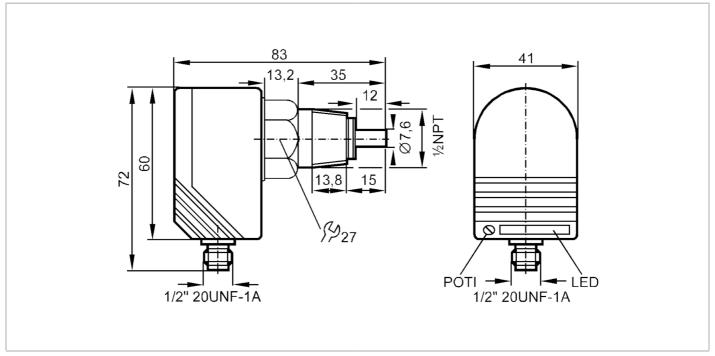
SCN12ABAAKOW/LS/CSA



### Article no longer available - archive entry

#### Alternative articles: SI5006 + 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                  |       |                              |  |  |
| Media                        |       | Liquids                      |  |  |
| Medium temperature           | [°C]  | -2560                        |  |  |
| Pressure rating              | [bar] | 30                           |  |  |
| Electrical data              |       |                              |  |  |
| Operating voltage            | [V]   | 80140 AC                     |  |  |
| Current consumption          | [mA]  | < 40                         |  |  |
| 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            |       | relay                        |  |  |
| Number of digital outputs    |       | 1                            |  |  |
| Output function              |       | normally open                |  |  |
| Short-circuit protection     |       | no                           |  |  |

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| Measuring/setting range        |         |                                |               |  |  |
|--------------------------------|---------|--------------------------------|---------------|--|--|
| Setting range                  | [cm/s]  | 3300                           |               |  |  |
| Greatest sensitivity           | [cm/s]  | 360                            |               |  |  |
| Accuracy / deviations          |         |                                |               |  |  |
| Temperature gradient           | [K/min] | 15                             |               |  |  |
| Response times                 |         |                                |               |  |  |
| Response time                  | [s]     |                                | 110           |  |  |
| Software / programming         |         |                                |               |  |  |
| Adjustment of the switch point |         |                                | potentiometer |  |  |
| Operating conditions           |         |                                |               |  |  |
| Ambient temperature            | [°C]    |                                | -2060         |  |  |
| Protection                     |         |                                | IP 67         |  |  |
| Mechanical data                |         |                                |               |  |  |
| Materials                      |         | PBT-GF20                       |               |  |  |
| Materials (wetted parts)       |         | stainless steel (1.4305 / 303) |               |  |  |
| Process connection             |         |                                | 1/2" NPT      |  |  |
| Displays / operating elem      | ents    |                                |               |  |  |
| Display                        |         | function                       | 11 x LED      |  |  |
| Remarks                        |         |                                |               |  |  |
| Pack quantity                  |         | 1 pcs.                         |               |  |  |

### **Electrical connection**

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



### Connection

