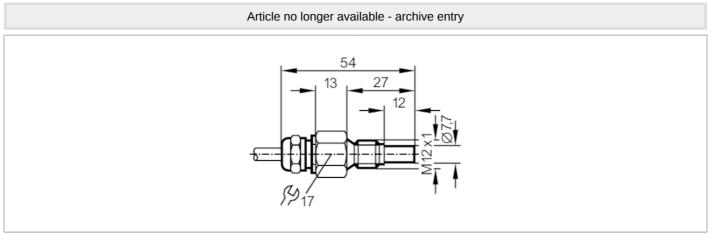
# SF0528

## Flow sensor for connection to an evaluation unit



SFM12ABT/6M/PH



| Product characteristics  | 6       |                                  |
|--------------------------|---------|----------------------------------|
| Process connection       |         | M12 x 1                          |
| Application              |         |                                  |
| Media                    |         | Liquids; Gases; aggressive media |
| Medium temperature       | [°C]    | -2580                            |
| Pressure rating          | [bar]   | 30                               |
| Liquids                  |         |                                  |
| Medium temperature       | [°C]    | -2580                            |
| Gases                    |         |                                  |
| Medium temperature       | [°C]    | -2580                            |
| Electrical data          |         |                                  |
| Connection to control mo | onitor  | VS 0200                          |
| Measuring/setting rang   | e       |                                  |
| Liquids                  |         |                                  |
| Setting range            | [cm/s]  | 3300                             |
| Greatest sensitivity     | [cm/s]  | 360                              |
| Gases                    |         |                                  |
| Setting range            | [cm/s]  | 2002000                          |
| Greatest sensitivity     | [cm/s]  | 200800                           |
| Accuracy / deviations    |         |                                  |
| Temperature gradient     | [K/min] | 15                               |
| Response times           |         |                                  |
| Response time            | [s]     | 110                              |
| Liquids                  |         |                                  |
| Response time            | [s]     | 110                              |
| Gases                    |         |                                  |
| Response time            | [s]     | 110                              |
| Operating conditions     |         |                                  |
| Protection               |         | IP 67                            |
|                          |         |                                  |

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SFM12ABT/6M/PH

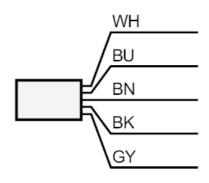
| Mechanical data          |      |                   |  |  |  |
|--------------------------|------|-------------------|--|--|--|
| Housing                  |      | threaded type     |  |  |  |
| Dimensions               | [mm] | M12 x 1           |  |  |  |
| Thread designation       |      | M12 x 1           |  |  |  |
| Materials                |      | titanium (3.7035) |  |  |  |
| Materials (wetted parts) |      | titanium (3.7035) |  |  |  |
| Process connection       |      | M12 x 1           |  |  |  |

| Process connection | M12 X 1              |
|--------------------|----------------------|
| Accessories        |                      |
| Items supplied     | sealings: 2 x AMF 30 |
| Remarks            |                      |
| Pack quantity      | 1 pcs.               |

### **Electrical connection**

Cable: 6 m, PUR; Maximum cable length: 100 m; 5 x 0.34 mm²

#### Connection



|      | Core colours : |
|------|----------------|
| BN = | brown          |
| BU = | blue           |
| BK = | black          |
| WH = | white          |
| GY = | grey           |