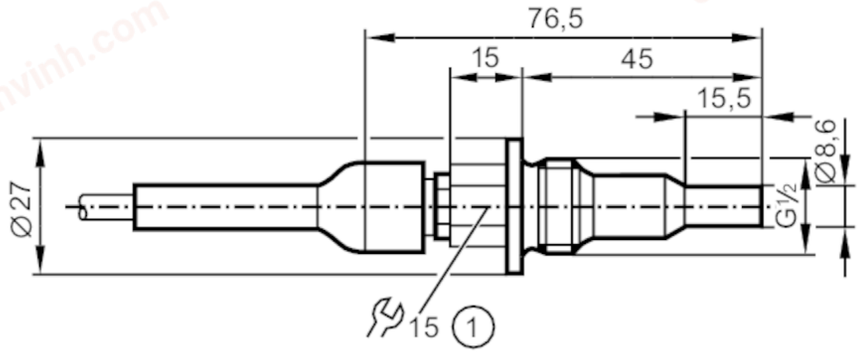
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# SF3410

## Flow sensor for connection to an evaluation unit

SFR12XBK/6M




1 tightening torque max. 30 Nm

| | | | |
|---|---|---|---|
| **Product characteristics** | | | |
| Probe length L | [mm] | 30 | |
| Process connection | | threaded connection G 1/2 external thread | |
| **Application** | | | |
| Media | | Liquids; aggressive media | |
| Medium temperature | [°C] | 5...70 | |
| Pressure rating | | 30 bar | 3 MPa |
| Liquids | | | |
| Medium temperature | [°C] | 5...70 | |
| **Electrical data** | | | |
| Connection to control monitor | | VS3000 | |
| **Measuring/setting range** | | | |
| Probe length L | [mm] | 30 | |
| Liquids | | | |
| Setting range | [cm/s] | 3...60 | |
| Greatest sensitivity | [cm/s] | 3...40 | |
| **Accuracy / deviations** | | | |
| Temperature gradient | [K/min] | 7 | |
| **Response times** | | | |
| Response time | [s] | 2...20 | |
| Liquids | | | |
| Response time | [s] | 2...20 | |
| **Operating conditions** | | | |
| Protection | | IP 67 | |
| **Tests / approvals** | | | |
| Shock resistance | | DIN IEC 68-2-27 | 40 g (11 ms) |
| Vibration resistance | | DIN IEC 68-2-6 | 10 g (55...2000 Hz) |
| MTTF | [years] | 8213 | |
| **Mechanical data** | | | |
| Weight | [g] | 389.5 | |

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# SF3410

## Flow sensor for connection to an evaluation unit

SFR12XBK/6M

| | | |
|---|---|---|
| Housing | | cylindrical |
| Materials | | ceramics (99.7 % Al2O3) |
| Materials (wetted parts) | | ceramics (99.7 % Al2O3) |
| Process connection | | threaded connection G 1/2 external thread |
| Probe diameter | [mm] | 8.6 |
| Installation length EL | [mm] | 45 |

### Accessories

| | |
|---|---|
| Items supplied | sealings: 1, PTFE |

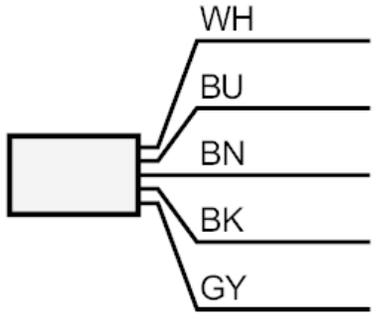
### Remarks

| | |
|---|---|
| Remarks | For sealing use the supplied PTFE packing washer. |
| Pack quantity | 1 pcs. |

### Electrical connection

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

Connection




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