# SF0700

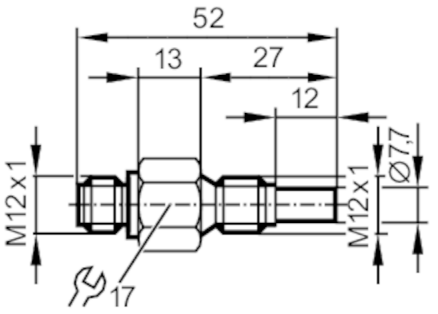
## Flow sensor for connection to an evaluation unit

SFM12ABBE1/US-100

Article no longer available - archive entry

Alternative articles: SF120A

When selecting an alternative article and accessories please note that technical data may differ!




| | | |
|---|---|---|
| **Product characteristics** | | |
| Process connection | | M12 x 1 |
| **Application** | | |
| Application | | Ex zone 1 |
| Medium temperature | [°C] | -25...80 |
| Pressure rating | [bar] | 30 |
| Liquids | | |
| Application | | Ex zone 1 |
| Medium temperature | [°C] | -25...80 |
| Gases | | |
| Medium temperature | [°C] | -25...80 |
| **Electrical data** | | |
| Connection to control monitor | | VS0200 Exi |
| **Measuring/setting range** | | |
| Liquids | | |
| Setting range | [cm/s] | 3...300 |
| Greatest sensitivity | [cm/s] | 3...60 |
| Gases | | |
| Setting range | [cm/s] | 200...2000 |
| Greatest sensitivity | [cm/s] | 200...800 |
| **Accuracy / deviations** | | |
| Temperature gradient | [K/min] | 15 |
| **Response times** | | |
| Response time | [s] | 1...10 |
| Liquids | | |
| Response time | [s] | 1...10 |
| Gases | | |
| Response time | [s] | 1...10 |

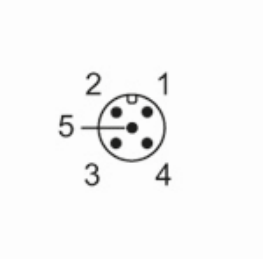
# SF0700

## Flow sensor for connection to an evaluation unit

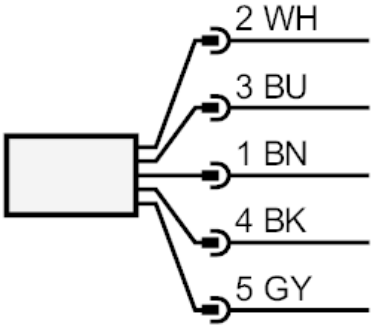
SFM12ABBE1/US-100

| Operating conditions | | |
|---|---|---|
| Protection | | IP 67 |
| **Mechanical data** | | |
| Housing | | threaded type |
| Dimensions | [mm] | M12 x 1 |
| Thread designation | | M12 x 1 |
| Materials | | stainless steel (1.4571/316Ti ) |
| Materials (wetted parts) | | stainless steel (1.4571/316Ti ) |
| Process connection | | M12 x 1 |
| **Remarks** | | |
| Pack quantity | | 1 pcs. |
| **Electrical connection** | | |

Connector: 1 x M12; coding: A; Maximum cable length: 100 m




Connection




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