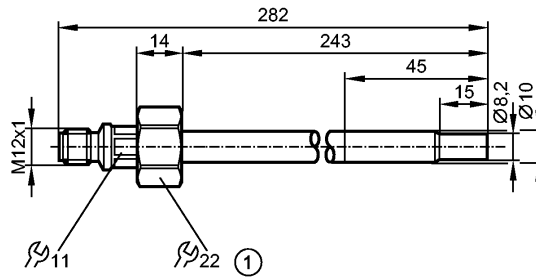


**SF5704**

SFD10ADT /US-100

Flow sensors



1: internal thread M18 x 1.5



**Product characteristics**

Flow sensor for connection to evaluation units

for adapter

Quick disconnect

Process connection: internal thread M18 x 1.5 for adapter (titanium)

**Application**

Application liquids and gases, aggressive media

Pressure rating [bar] 100

Medium temperature [°C] -25...80

**Electrical data**

Connection to control monitor VS3000

**Measuring / setting range**

Liquids

Setting range [cm/s] 3...300

Greatest sensitivity [cm/s] 3...60

Gases

Setting range [cm/s] 200...3000

Greatest sensitivity [cm/s] 200...800

**Accuracy / deviations**

Max. temperature gradient of medium [K/min] 300

**Reaction times**

Response time [s] 1...10

**Environment**

Protection IP 67

**Tests / approvals**

Shock resistance DIN IEC 68-2-27: 50 g (11 ms)

Vibration resistance DIN IEC 68-2-6: 10 g (55...2000 Hz)

MTTF [Years] 8393.77

**Mechanical data**

Process connection internal thread M18 x 1.5 for adapter (titanium)

Materials (wetted parts) titanium (3.7035); O-ring: FKM 8 x 1.5 gr 80° Shore A

Housing materials titanium (3.7035); EPDM; ULTEM

Probe length L [mm] 243

Weight [kg] 0.081

**Electrical connection**

## SF5704

SFD10ADT /US-100

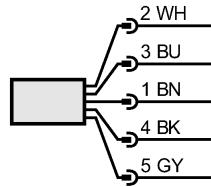
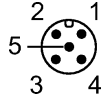
Flow sensors

Connection	M12 connector
Max. cable length [m]	100 (5 x 0.5mm <sup>2</sup> )

### Wiring

Core colors

BN brown  
 BU blue  
 BK black  
 WH white  
 GY grey



### Remarks

Pack quantity [piece]	1
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