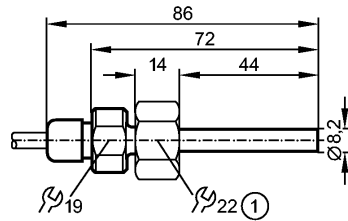


SF5350

SFD10ADB /6M

Flow sensors



1: internal thread M18 x 1.5

Made in Germany



Product characteristics

Flow sensor for connection to evaluation units
 for adapter
 Cable
 Process connection: internal thread M18 x 1.5 for adapter

Application

| | |
|-------------------------|-------------------|
| Application | liquids and gases |
| 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

| | |
|-----------------------|-------|
| Pressure rating [bar] | 300 |
| 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

| | |
|--------------------------|---|
| Process connection | internal thread M18 x 1.5 for adapter |
| Materials (wetted parts) | stainless steel 316L / 1.4404; O-ring: FKM 8 x 1.5 gr 80° Shore A |
| Housing materials | stainless steel 316L / 1.4404 |
| Probe length L [mm] | 45 |
| Weight [kg] | 0.401 |

Electrical connection



SF5350

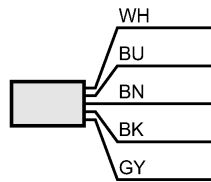
SFD10ADB /6M

| | |
|-----------------------|---|
| Connection | PUR cable / 6 m; 5 x 0.34 mm ² |
| Max. cable length [m] | 100 (5 x 0.5mm ²) |

Wiring

Core colours

| | |
|----|-------|
| BN | brown |
| BU | blue |
| BK | black |
| WH | white |
| GY | grey |



Remarks

| | |
|-----------------------|---|
| Pack quantity [piece] | 1 |
|-----------------------|---|