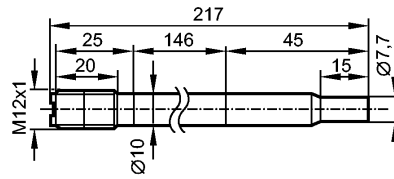


SF6200

SFG10ABB /US-100

Flow sensors



Product characteristics

| |
|--|
| Flow sensor for connection to evaluation units |
| Quick disconnect |
| Process connection: Ø 10 mm |
| Sensor suitable for clamp fitting |

Application

| | |
|-------------------------|-------------------|
| Application | liquids and gases |
| Pressure rating [bar] | 30 |
| 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] | 30 |
|---|----|

Reaction times

| | |
|-------------------|--------|
| Response time [s] | 1...10 |
|-------------------|--------|

Environment

| | |
|------------|-------|
| 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] | | 8583 |

Mechanical data

| | |
|--------------------------|---|
| Process connection | Ø 10 mm |
| Materials (wetted parts) | stainless steel 316L / 1.4404 several parts, welded |
| Housing materials | stainless steel 316L / 1.4404 several parts, welded |
| Probe length L [mm] | 15...156 |
| Weight [kg] | 0.092 |

Electrical connection

| | |
|-----------------------|-------------------------------------|
| Connection | M12 connector; gold-plated contacts |
| Max. cable length [m] | 100 (5 x 0.5mm ²) |

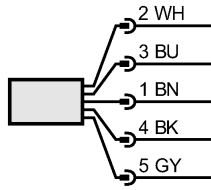
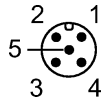
Wiring

SF6200

SFG10ABB /US-100

Flow sensors

Core colors
BN brown
BU blue
BK black
WH white
GY grey



Accessories

Accessories (optional)

Clamp adapter E40160 (R $\frac{1}{2}$)
Clamp adapter E40174 ($\frac{1}{2}$ "NPT)

Remarks

Pack quantity [piece] 1