

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

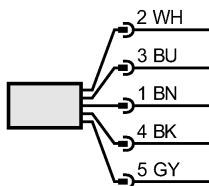
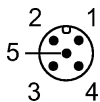
Max. cable length [m]

100 (5 x 0.5mm²)

Wiring

SF6200 - Flow sensor for connection to evaluation units - eclass: 27273101 / 27-27-31-01

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