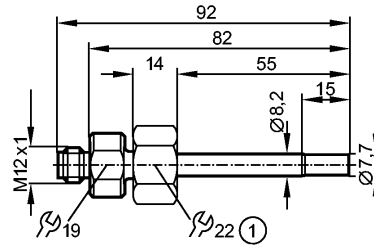


SFD10ABB /US-100

Flow sensors



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

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]

300

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]

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]

55

Weight [kg]

0.087

Electrical connection

Connection

M12 connector

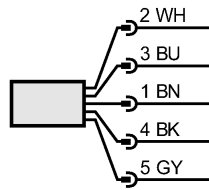
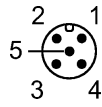
Max. cable length [m]

100 (5 x 0.5mm²)

Wiring

SF5201 - 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



Remarks

Pack quantity

[piece]

1

ifm efector, inc. • 1100 Atwater Drive • Malvern • PA 19355 — We reserve the right to make technical alterations without prior notice. — US — SF5201 — 10.07.2013