

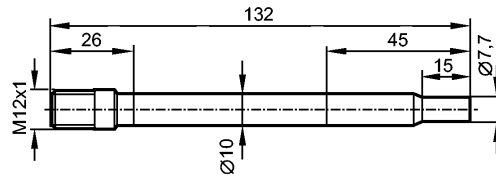


SF6201

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]: 8393.77

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...107

Weight [kg]: 0.062

Electrical connection

Connection: M12 connector; gold-plated contacts

Max. cable length [m]: 100 (5 x 0.5mm²)

Wiring



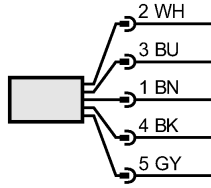
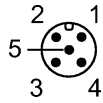
SF6201

SFG10ABB /US-100



Flow sensors

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



Accessories

Accessories (optional)

Clamp adapter E40160 (R½)
 Clamp adapter E40174 (½"NPT)

Remarks

Pack quantity [piece] 1