



Suitable for both gas and liquid. It can be used for pneumatic and hydraulic systems to monitor the cut-off of circulating water, cutting fluid and lubricant, idle protection of pump and more.



BFS-E01



BFS-E03

### FEATURES

- No moving parts
- Easy installation
- Suitable for a variety of pipe sizes
- Adjustable setting point
- Compact size
- LED light indicator for flow trend and switch state

### SPECIFICATIONS

#### Medium:

Water, Oil, Air

#### Flow Rate Set Ranges:

Water: 1...150cm/s

Oil: 3...300cm/s

Air: 20...2000cm/s

#### Threaded Connection:

G 1/2"

#### Switch ON:

Max. 400ma (PNP or NPN)

Max. 1A, 24VAC/VDC (relay)

240VAC option available

#### No Load Current:

Max 80mA

#### Material:

Probe: SS

Housing: PBT (BFS-E01) or

Stainless Steel (BFS-E03)

#### Fluid Temperature:

-20°C to 80°C

#### Temperature Gradient:

≤4°C/s

#### Flow indicator:

6-Segment LED

#### Response Time:

1-13 seconds, typically 2 seconds

#### Initialisation Time:

8 seconds

#### Max Fluid Pressure:

100 bar

#### Signal Output:

Relay NO + NC, NPN, PNP

#### Repeatability:

±2% measured value

#### Electrical Protection:

Reverse phase, short circuit, overload

#### Electrical Connection:

M12 aviation plug, with 2m cable

#### Protection Grade:

IP67

