



innovative
Sensor
Technology

Flow sensor FS7.4W



Gas flow sensor with flow range from 0 to 100 m/s and temperature range from -20 °C to +400 °C

For measuring flow rates using a symmetrical heater design and having an excellent sensitivity and reproducibility.

Product Name: FS7.0.4W.015

Measured medium: Gas Flow

Flow direction: One direction (anemometric)

Operating temperature range: -20 °C to +400 °C

Chip size/dimensions: 6.9 x 2.4 x 0.20/0.60 mm

Connection type: Pt/Ni wires

Flow range CTA mode: 0/ms to 100 m/s

Response time t63: ~200 ms (jump from 0 to 10000 sccm)

Response sensitivity: 0.01 m/s

Substrate: Ceramic

Sensor wire: 3 pins, Pt/Ni-wires, Ø 0.2 mm, 15 mm long

Product Old code: 350.00218

Product code: 104999

Product details

Flow sensor FS7.4W > Details

Product description FS7.4W

The IST AG FS7.4W gas flow sensor has been developed for applications with temperatures up to 400 °C. The design of the FS7.4W is based on the FS7 design which offers a symmetrical heater that enhances sensitivity. The FS7.4W flow sensor is applicable in gas and offers excellent long-term stability. The small thermal mass of the FS7.4W sensor provides a fast response time.

Benefits & Characteristics of the FS7 gas flow sensor

- Easy adaptation in various applications and housings
- Excellent long-term stability
- Simple signal processing
- Simple calibration
- Stable platinum technology
- Excellent reproducibility

[Customer-specific sensor available upon request.](#)

The online shop

Quantity (pieces)	Price (per piece)
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5-49	CHF 25.31
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50-99	CHF 22.70
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100-150	CHF 20.09
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Stock: **117**