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

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)
5-49	CHF 25.31
50-99	CHF 22.70
100-150	CHF 20.09

Stock: **112**