



innovative  
Sensor  
Technology

## Flow sensor FS7.4W



Gasdurchflusssensor mit einem Durchflussbereich von 0 bis 100 m/s und einem Temperaturbereich von -20 °C bis +400 °C

Zur Messung von Durchflussraten mit einem symmetrischen Heizelementdesign und ausgezeichneter Empfindlichkeit und Reproduzierbarkeit.

**Product Name:** FS7.0.4W.015

**Measured medium:** Gasströmung

**Flow direction:** Eine Richtung (anemometrisch)

**Operating temperature range:** -20 °C bis +400 °C

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

**Connection type:** Pt/Ni-Drähte

**Flow range CTA mode:** 0/ms bis 100 m/s

**Response time t63:** ~200 ms (Sprung von 0 auf 10000 sccm)

**Response sensitivity:** 0.01 m/s

**Substrate:** Keramik

**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

<b>Quantity (pieces)</b>	<b>Price (per piece)</b>
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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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Lager: **117**