

Thermal gas flow sensor FS7



Flow range from 0 to 100 m/s, -20 °C to +150 °C

For measuring flow rates using a symmetrical heater design and having an excellent sensitivity and reproducibility. This all-rounder features long-term stability and reproducibility.

Product Name: FS7.0.1L.195

■ Gas Flow

■ One direction (anemometric)

■ -20 °C to +150 °C

■ 6/9 x 2.4 x 0.20 mm

■ Cu/Ag stranded wire, PTFE-insulated

■ 195 mm

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

■ T63 200 ms (jump from 0 to 10000 sccm)

■ 0.01 m/s

■ Ceramic

■ 8 pins, Cu/Ag-stranded wires, PTFE insulated

Product Old code: 050.00216

Product code: 103705

Product details

Product description FS7

The IST AG FS7 thermal mass flow sensors are the successors of the FS5 flow sensors and exhibit a symmetrical heater design and enhanced sensitivity. The FS7 flow sensor is applicable in gas and offer excellent long-term stability. The small thermal mass of the FS7 sensor provides a fast response time. Additionally, the standard FS7 sensor is also available with a housing which is easily implemented into various applications.

The IST AG FS7 flow sensors are optimal for measuring gas flow in various flow applications.

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 27.76 |
| 50-99 | CHF 22.04 |
| 100-150 | CHF 19.50 |