

Compressed Air Management

Technical datasheet



Air flow sensor



eSIM



Bridge



eSIM



Sensorfact software

AIR FLOW SENSOR

Measurement	Sampling frequency Reporting frequency Accuracy	Every 10 sec Typically avg of 2 min (can be more or less, if variation high or low) 2% FSS under calibration conditions*
Electricity	Power supply adapter	12V with 5 pin M12 connector
Enclosure specification	Material IP rating Dimensions	Sensor: Anodized aluminum, stainless steel 316/Silicon, epoxy, glass Sealing: FTM 60, Polyurethane Digitizer: POLYblend 65 FS / TPU IP65 Sensor: 30 x 340 x 30 mm Transmitter: 50 x 108 x 36 mm
Installation	Positioning Sensor location Wireless range to bridge** Gas temperature range Ambient temperature range Environment	Preferably at 30 degrees into pipe Together with the customer, Sensorfact determines optimal sensor locations such that a good flow profile is guaranteed. Up to 150 meters 0 °C to 60 °C 0 °C to 60 °C Indoor use
Production details		Produced in Europe
Compliance		EN 60950-1, EN 61326-1, EN 61000-3-2, EN 61000-3-3, EN 61326-1, UL 508

*Highly depends on installation and accuracy of diameter measurement. **(unobstructed).

BRIDGE

Power specification	Power supply	10-32 VDC, Max. 5W
Network interfaces	Integrated eSIM	Roams freely between all available networks and selects operator based on the best signal strength
Enclosure specification	Case material IP rating Dimensions	Nylon 6/6 IP67 131 x 115 x 33mm
Installation	Operating temperature Environment Radio frequency	-40 °C to 75 °C Indoor use 863-870 MHz (902-928 MHz)
Production details		Produced in Europe
Compliance		CE approved (RED 2014/53/EU Radio Equipment Regulations 2017), FCC approved (FCC Part 15C), Safety (IEC 61010-1:2010)