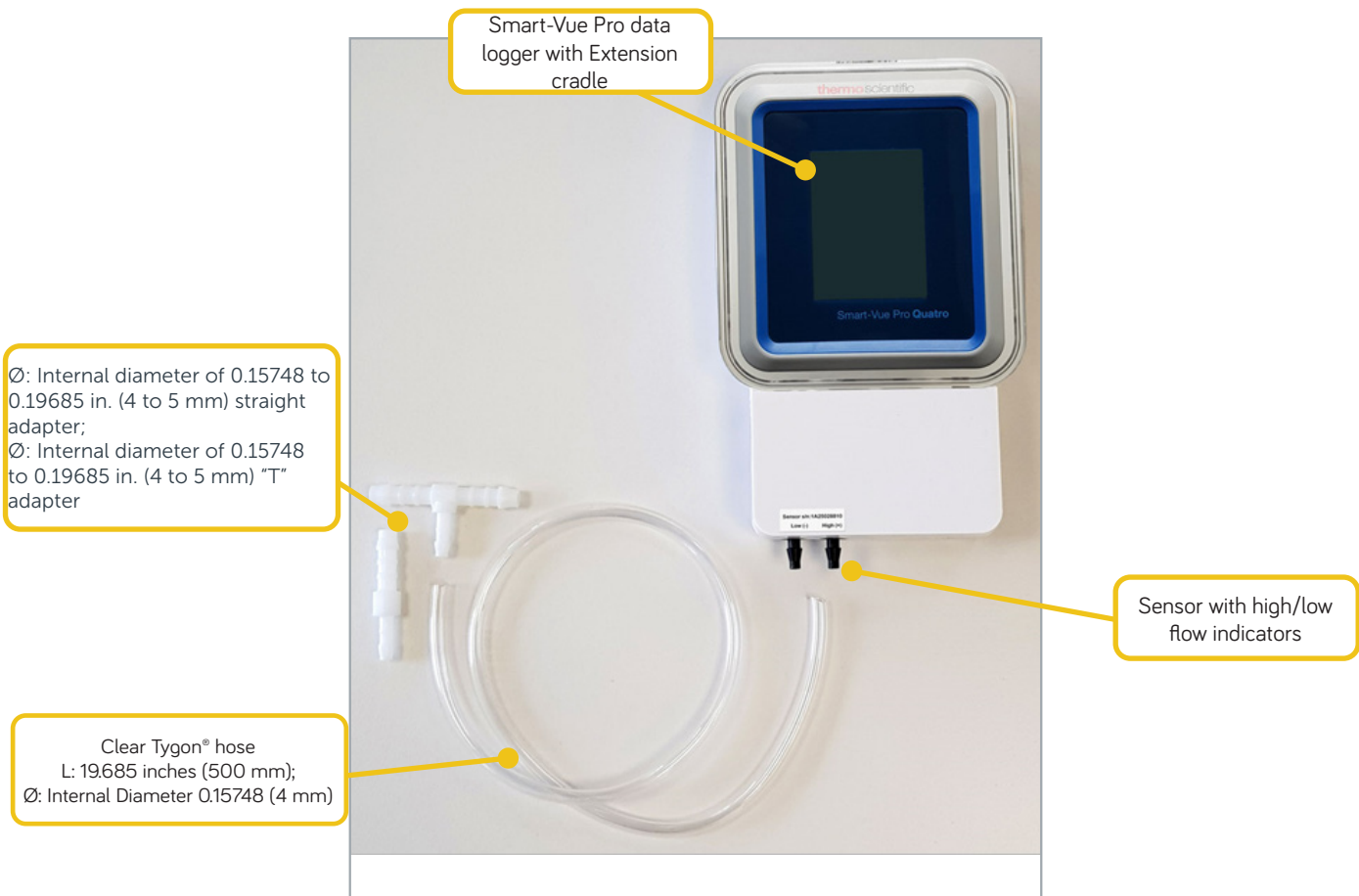


# Differential pressure sensor for Thermo Fisher Scientific<sup>TM</sup> Smart-Vue Pro Modules (Data Loggers)

## DIFFERENTIAL PRESSURE SENSOR FOR MONITORING CLEAN ROOMS

The differential pressure Smart-Sensor extension clips on to the bottom of your Smart-Vue Pro data logger, enabling you to compare the difference in pressure between two physically separated spaces. The sensor detects the difference in atmospheric pressure between where the data logger is located and one or more other spaces.

- For monitoring high- or low-pressure cleanrooms and labs
- Single sensor with flow indicators
- OCEASOFT Smart-Sensor extension cradle to connect Smart-Vue Pro wireless data logger

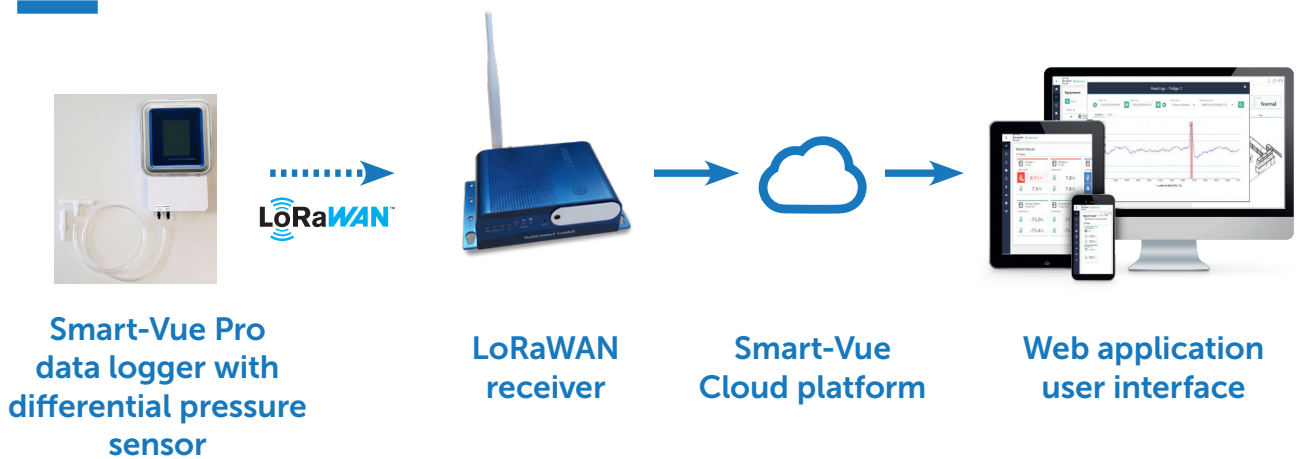


Smart-Vue Pro extension cradle with differential pressure sensor

# SPECIFICATIONS

Application	High-pressure or low-pressure cleanrooms • Airlocks
Product compatibility	Smart-Vue Pro Duo • Smart-Vue Pro Quatro
Pressure measurement	Pressure measurable from -500 Pa to +500 Pa • -2.0 to +2.0 in. H <sub>2</sub> O (-50 to +50 mm)
Allowed overpressure	1 bar (1,000 hPa, 4 in. (101.6 mm) H <sub>2</sub> O)
Measurement accuracy	Measurement accuracy can vary based on the installation environment. Contact us for more information • Calibrated at 0, 15, 25, 50 Pa
Number of sensors	Single sensor
Type of sensor	Digital sensor (OCEASOFT Smart-Sensor interface)
Calibration	<ul style="list-style-type: none"> <li>• Basic calibration on standard target points and specific customer points</li> <li>• Recalibration via sensor/datalogger exchange</li> </ul>
Tygon® hose	L: 19.685 in. (500 mm), Internal Diameter: 0.15748 in. (4 mm) *Note: Air flow through the sensor creates a dependence on the tube length.
Adapters	Ø: Internal diameter of 0.15748 to 0.19685 in. (4 to 5 mm) straight adapter; Ø: Internal diameter of 0.15748 to 0.19685 in. (4 to 5 mm) "T" adapter
Compatibility	Full compatibility in air and Nitrogen (limited in O <sub>2</sub> )
Extension cradle dimensions	5.7 x 3.3 x 1.0 in. (145 x 85 x 26 mm)
Casing	ABS plastic
Power	Power drawn directly from Smart-Vue Pro data logger
Resolution	0.02 Pa
Protection index	Indoor use only
Rated Burst Pressure	>5 bar
Approvals	CE, ROHS

## SMART-VUE PRO MONITORING SOLUTION FLOW



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