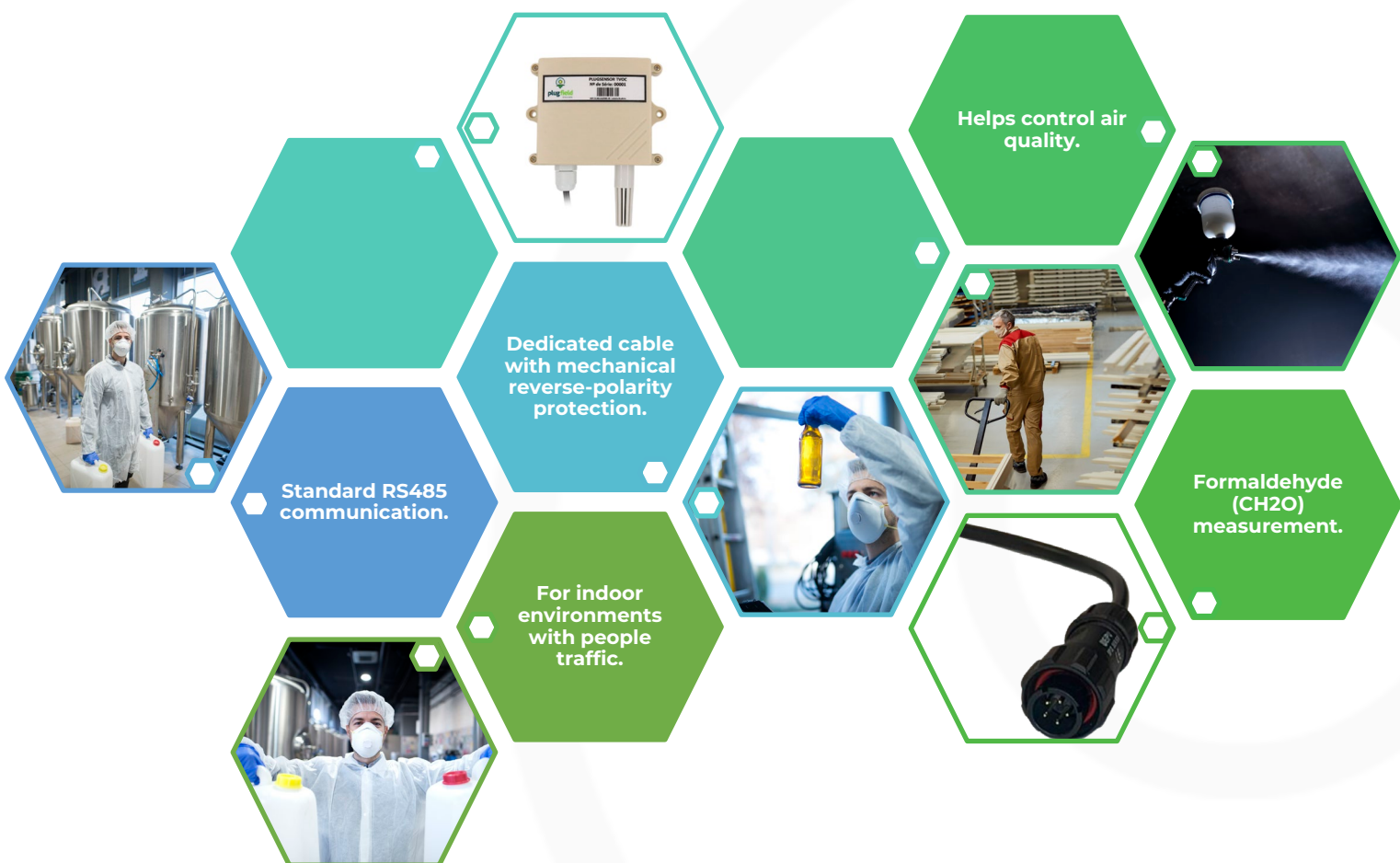


Plugsensor CH2O (Metanal)



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The **Plugsensor CH2O (Metanal)** monitors the concentration of formaldehyde (methanal) in indoor environments with high precision. It uses a stable electrochemical sensor with fast response and low energy consumption. With a minimum resolution of 0.01 ppm, it operates over a wide temperature range and features IP65 protection, ensuring reliable performance for industrial, commercial, and building automation applications.



Technical Specifications

Parameter	Description
Output Interface	RS485 / Modbus-RTU
Power Supply	10 to 30 VDC
Power Consumption	0.12 W
Measurement	Range: 0 to 5 ppm
	Resolution: 0.01 ppm
	Accuracy: $\pm 5\%$ or 1 ppm
IP Rating	IP65
Operating Temperature	-40 °C to 80 °C
Installation	Vertical (connector facing down)
Dimensions	110 x 85 x 105 mm
Cable / Connector	50 cm with 5x 22 AWG / SP13 Series – IP68

Sensor available only for integration with Plugstation from model WS22 and above.

