



The 90001848 Differential Low Pressure Sensor, when integrated with the M 5300 Series EnviroPro PLC Controller, delivers precise chamber pressure monitoring, guaranteeing consistent dry gas distribution and system integrity.

Applications

- Monitoring chamber pressure in laboratory gloveboxes utilizing open loop dry gas dehumidification.
- Ensuring consistent dry gas distribution in semiconductor manufacturing cleanrooms.
- Controlling pressure differentials in pharmaceutical production environments.
- Optimizing dry gas delivery in materials science research chambers.
- Industrial applications requiring precise low-pressure differential monitoring.

Key Features

- Accurately monitors subtle pressure variations within the glovebox chamber.
- Real-time pressure monitoring, allowing for immediate detection of pressure fluctuations that can affect gas distribution.
- Monitors for pressure deviations, preventing potential damage to sensitive equipment and ensuring safe operational parameters.
- Seamless Integration with the M 5300 EnviroPro PLC, enabling real-time data acquisition, control, and alarm functions.
- Robust design for long-lasting and dependable performance in demanding laboratory environments.

D02119 Rev A

90001848
Pressure Sensor

SPECIFICATIONS:

MECHANICAL

- External Dimensions: 5" W x 0.90" D x 3.33" H (12.7cm x 2.3cm x 8.5cm)
- Material: PLA enclosure
- Weight: 0.3 lbs (0.14 kg)

HARDWARE PORTS:

- Micro-USB
- Quick Lock Circular Waterproof Aviation Plug connector

ELECTRICAL

- Voltage: 12VDC to 30 VDC
- Max Power Consumption: 1.2W or < 45 mA +/- 10% @ 24VDC

CONTROLLER COMPATIBILITY

- M 5300 Series Controllers



ETS products are fully supported by our team of experts
Contact: service@ets2.com for assistance.

