



Atmospheric pressure transmitter



Non contractual picture

Part nr. 10393

Presentation

The atmospheric pressure transmitter is a very economical solution with excellent performance for atmospheric pressure compensation in clean rooms.

It is compatible with the LoRa® SPY U. A NANO SPY U can also be connected directly to the transmitter's analogue output or via a universal cable using an IP67 Binder connector.

Technical features

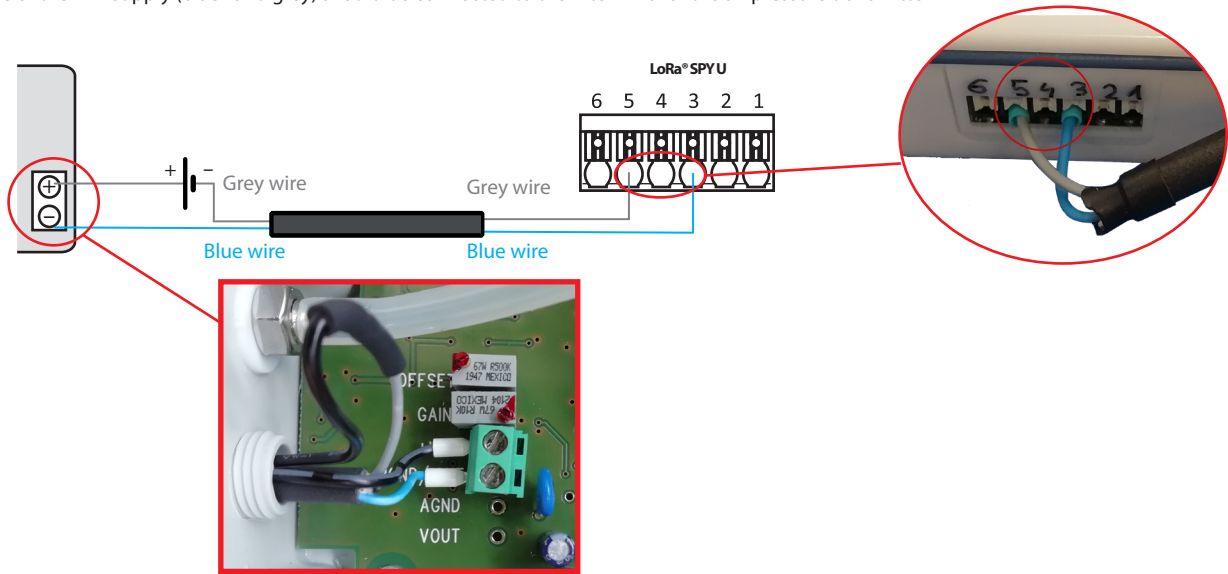
Measurement range	800-1100mbar
Accuracy	±0,4 mbar to 20°C
Output	4-20mA
Power supply	8-35 VDC
Stabilization time	1 sec. to 99% of the measure
Response time	200msec. after pressure stabilization
Working conditions	-30°C to +60°C
Dimensions	120x80x55 mm
Power supply to added	Yes
Universal adaptor to be added	Yes
Delivered with	Manual guide

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Connection

Case 1: Connection diagram with a LoRa® SPY U

- Blue wire: Connect one extremity to the connector 3 of the LoRa SPY U. The other extremity should be connected to the terminal block - of the atmospheric pressure transmitter
- Grey wire: Connect one extremity to the connector 5 of the LoRa SPY U. Connect the other extremity with a domino to the - wire of the 24V supply (black wire)
- The + wire of the 24V supply (black and grey) should be connected to the + terminal of the air pressure transmitter



Case 2: Connection diagram with a Nano SPY U

- Brown wire: Plug into the - wire of the 24V power supply (black wire)
- Blue wire: Plug into the terminal block - of the air pressure transmitter
- The + wire of the 24V power supply (black and grey) should be connected to the + terminal of the air pressure transmitter

