



T-CDI-5400-20S Sensor

Compressed Air Flow Meter - 40-600 SCFM Sensor

Effectively monitor compressed air systems with the T-CDI-5400-20S. This flow meter includes two probes, one warmer than the other. This arrangement calculates mass velocity based on heat requirements. Additionally, pipe area data is used to determine flow amounts. This product fits a two-inch steel pipe.

Requires analog port selection during U30 system configuration and use of a S-FS-CVIA when using the H22-001 data logger. When using a U12 data logger, this sensor requires a 4-20mA input cable (CABLE-4-20mA).



[View CDI Meters' manual for T-CDI-5400-20S](#)

Supported Measurements:

Compressed Air Flow

Key Advantages:

- This adds the ability for users to be able to measure compressed air flow (SCFM).
- Easy to install
- Digital display

T-CDI-5400-20S Sensor Specifications

Measurement range: 40-600 SCFM (calibrated), 350 - 600 (uncalibrated)

Accuracy: 5% of reading plus 1% of full scale @ air temperatures 40 - 120F; (5400 model extended range) 7% of reading from rated full scale to 150% of calibrated range, @ air temperatures 40 - 120F

Medium: Compressed air, nitrogen

Operating pressure: 200 psig max on Sch 40 steel

Input power: 250 mA @ 18 - 24 VDC

Output resistance: 400 max

Response time: 1 sec to 63% of final value

Output: selectable 4 - 20mA or pulse

Display: 4-digit LED

Ring material: Aluminum

Size / Weight: 3.2x2.2x1.6 in / approx. 1.4 lb

Note: Recommended: Drill Guide that facilitates accurately locating the holes that are needed to mount the flowmeter.