

cdimeters
flowmeters for air & nitrogen

Flowmeters & Accessories

Insight for managing compressed air and energy savings



Installs in Minutes • Wireless Networking • Free Monitoring Software

**Fluid-Aire
Dynamics**

Compressed Air Done Right!

Flowmeters

CDI 5200



The CDI 5200 is a simple to install flowmeter that clamps directly onto the pipe. With two flow-sensing probes that are seated directly into the pipe through 3/16" drilled holes, the 5200 is easily adapted to existing piping systems. One probe senses the air temperature while the other keeps 10° above it. Calibrated by pipe size, these meters require no set up or adjustment. The easy-to-read digital display can be programmed to read in scfm, m3/min and m3/hr. or daily and cumulative usage. Perfect for outdoor use, this flowmeter is housed in a weather resistant casing and is surge protected. The 5200 is available with optional wired and wireless outputs for network connectivity. Includes 4-20 milliamp output as well as a pulse output.

Features

- Easy to install
- No moving parts
- Weather resistant and surge protected
- Milliamp output
- Pulse output convertible to threshold output
- User-configurable scaling, filtering and units of measure
- Optional wired and wireless outputs for networking

CDI 5250 Hot Tap



The CDI 5250 makes installation under pressure quick and easy, with no system shut down needed. Two probes are run directly through valves and a muffler that will filter the particles caused from drilling. One probe senses the air temperature while the other keeps 10° above it. The entire installation process takes only a few minutes and is easily adapted to existing piping systems. Calibrated by pipe size, these meters require no set up or adjustment. The easy-to-read digital display is simple to rotate based on pipe orientation and can be programmed to read in scfm, m3/min and m3/hr. or daily and cumulative usage. Perfect for outdoor use, this flowmeter is housed in a weather resistant casing and is surge protected. The 5250 is available with optional wired and wireless outputs for network connectivity. Includes 4-20 milliamp output and as well as a pulse output.

Features

- No system shutdown required
- Weather resistant and surge protected
- Milliamp output
- Pulse output convertible to threshold output
- User-configurable scaling, filtering, and units of measure
- Optional wired and wireless outputs for networking

CDI 5400



The CDI 5400 is a simple to install flowmeter that clamps directly onto the pipe, with no cutting or welding required. With two side-by-side flow-sensing probes in a single ring configuration, seated directly into the pipe through two small, drilled holes, the 5400 is easily adapted to existing piping systems. One probe senses the air temperature while the other keeps 10° above it. Calibrated by pipe size, these meters require no set up or adjustment. The easy-to-read digital display can be programmed to read in scfm, m3/min and m3/hr. or daily and cumulative usage. The 5400 is built for larger pipe sizes (2"– 8"). Perfect for outdoor use, this flowmeter is housed in a weather resistant casing and is surge protected. The 5400 is available with optional wired and wireless outputs for network connectivity. Includes 4-20 milliamp output and as well as a pulse output.

Features

- Easy to install
- Display rotates to facilitate use on horizontal or vertical pipes
- No moving parts
- Weather resistant and surge protected
- Milliamp output
- Pulse output convertible to threshold output
- User-configurable scaling, filtering, and units of measure
- Optional wired and wireless outputs for networking

CDI 5450 Hot Tap



The CDI 5450 makes installation under pressure quick and easy, with no system shut down needed. Two probes are run directly through valves and a muffler that will filter the particles caused from drilling. One probe senses the air temperature while the other keeps 10° above it. The entire installation process takes only a few minutes and is easily adapted to existing piping systems. Calibrated by pipe size, these meters require no set up or adjustment. The easy-to-read digital display is simple to rotate based on pipe orientation and can be programmed to read in scfm, m3/min and m3/hr or daily and cumulative usage. The 5450 is built for larger pipe sizes (2"– 8"). Perfect for outdoor use, this flow meter is housed in a weather resistant casing and is surge protected. The 5450 is available with optional wired and wireless outputs for network connectivity. Includes 4-20 milliamp output as well as a pulse output.

Features

- No system shutdown required
- Weather resistant and surge protected
- Milliamp output
- Pulse output convertible to threshold output
- User-configurable scaling, filtering, and units of measure
- Optional wired and wireless outputs for networking
- Housing rotates to suit vertical or horizontal installation

Remote Displays

Remote displays offer a second display location that can be more easily viewed than the flowmeter itself.

5200-SRD Summing Remote Display



Provides live rate, daily usage and cumulative usage display options.

Use for daily and cumulative usage display or as a remote display for a meter that is in a difficult to view location. The 5200-SRD comes with three displays modes, Rate, Daily and Cumulative usage. Uses a simple push button control. Connects to main display using a 3- connector cable.

5200-AVD Averaging Remote Display



Provides a rolling average over a user specified period of time.

Displays the rolling average usage from one minute to four hours. Usage is more accurately measured with a steady average than a fluctuating display.

Accessories

PSO Pressure Sensing Option



The Pressure Sensing Option for the 5200 and 5400 flowmeter, monitors the pressure and flow of the air in the system. Mounted next to the flow sensing probes, the pressure sensor will access the pressure through a cut-out gasket in the pipe.

Drill Guides



Be sure that drill holes are correctly aligned with Drill Guides. Comes with a 3/16" bit and allen wrenches that are needed for installation.

Blocking Rings



Once the flowmeter is removed, the Blocking Rings will cover the holes to prevent air leaks. Available for copper and steel piping or OD tubing, 1/2" to 8".



**We're here to serve you.
Call us today!**

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