

Pressure

Diaphragm Switch

CD1H, CD2H Series

Features

- ▶ High reliability
- ▶ Extremely versatile
- ▶ Calibrated dial for easy setpoint adjustment
- ▶ Ideal for pressure or vacuum

Applications

- ▶ Medical
- ▶ Water equipment
- ▶ Food & beverage
- ▶ Air proving in HVAC systems
- ▶ Engine monitoring
- ▶ Factory automation



General Specifications*

Accuracy:	+/- 0.5% of the adjustable range
Switch: Type:	Single pole double throw (SPDT) single or dual circuit
Rating:	10 amps @ 125/250 VAC, 3 amps @ 480 VAC (Class A or H limit switch); Consult sales drawing for ratings of optional limit switches.
Wetted Parts: Process Fitting:	304 stainless steel
Diaphragm:	17-7 PH stainless steel
Enclosure:	Anodized aluminum
Electrical Connection:	Free leads approximately 18" long, 16 AWG through 3/4" NPT conduit connector.
Enclosure Ratings:	NEMA 4
Pressure Connection:	1/4" NPT female
Approvals: UL:	All models are Underwriters' Laboratories listed in the Electrical Construction Materials Directory under Industrial Control Equipment, float and pressure-operated; File E42816, and Canadian Standards Association listed under Guide 380-W-1.16, Class 3231, File 22355.

* See product configurator for additional options.

Approvals (Cont.): CSA:	Listed under Guide 380-W-1.16, Class 3231, File 22355
Temperature Range: Operating:	-65° to +165°F (-54° to +74°C)
Storage:	-65° to +200°F (-54° to +93°C)
Adjustment Instructions: Pressure:	Turn self-locking adjustment screw counter clockwise to increase pressure setting
Vacuum:	Turn self-locking adjustment screw clockwise to increase vacuum setting
Options:	-Cleaned for Oxygen Service -1/2" NPT Pressure Port -NEMA 4X enclosure
Shipping Weight:	Approximate 1.75 lbs.

Wiring Code

Lead	Circuit #1		Circuit #2	
	Pressure	Vacuum	Pressure	Vacuum
Normally Closed	Blue	Red	Orange	Yellow
Common	Purple	Purple	Brown	Brown
Normally Open	Red	Blue	Yellow	Orange

Wiring Diagram

