Terminal Block Diaphragm Switch

D1T, D2T Series

Features

- High reliability
- High accuracy
- ▶ NEMA 4
- Ideal for pressure and vacuum applications
- Single and dual switching capability
- Tamper-proof external adjustment

Pump & compressor monitoring

Applications

- Machine tools
- Pneumatics
- Medical
- Marine & shipbuilding
- Oil & gas
- Water equipment
- Mining
- Lubrication equipment





General Specifications*

Accuracy:	± 0.5% of the adjustable range		
Switch: Type: Rating:	Single pole double throw (SPDT) Snap Action; single circuit 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, viton seals		
Diaphragm:	17-7 PH stainless steel		
Enclosure:	Anodized aluminum		
Electrical Connection:	Terminal block through 1/2" NPT conduit connector		
Enclosure Rating:	NEMA 4		
Pressure Connection:	1/4" NPT Female		
Approvals: UL (Optional):	All models may be ordered as UL listed . File No. E42816		

See product configurator for additional options.

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Approvals (cont.): CSA (Optional):	All models may be ordered as CSA list under Class 3231 02, File LR22355 on request.			
PED (European):	Compliant to PED 97/23/EC			
Temperature Range: Operating:	-65° to +165°F (-54° to +74°C)			
Storage:	-65° to +200°F (-54° to 93°C)			
Adjustment Instructions: Pressure:	Turn adjustrnent screw counterclockwise to raise actuation point.			
Vacuum:	Turn adjustment screw clockwise to increase setpoint (higher viacuum).			
Options:	- NEMA 4X enclosure - Cleaned for exygen service - Factory pre-set - Six-pin terminal block			
Shipping Weight:	2.0 lbs. approximate			

Wiring Diagram

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

Single	Pressure		Dual	
NO (Fled)		NO (Rod)		
C (Purple)	*	C (Purplie)	-	-
NC (Blue)	4 4	NC (Biue)		
(410.04)	P	NO (Yellow)	-	
	UNCH	C (Brown)	-	· ·
		NC (Orange)	•	-
	Vacuum			INC
NC (Red)		NC (Redi)	•	*
C (Purple)	-	C (Purple)	-	
NO (Blue)	A .	NO (Blue)		
(Gille)	V	NC (Yellow)		-
		C (Brown)	-	
	1	NO: (Grange) -	_	W



Technical Drawing

