

Introducing the TDPS 4_10 Series Adjustable Pressure Switches.



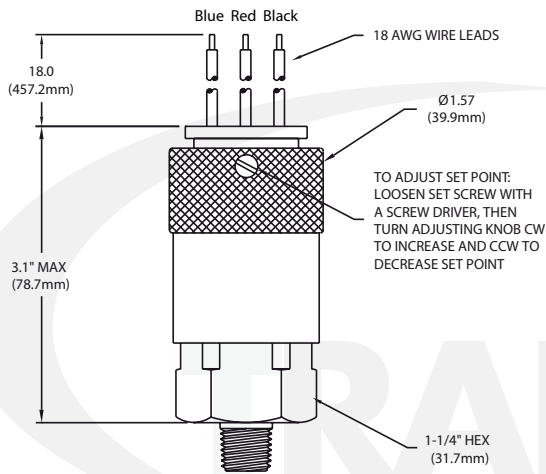
SERIES: TDPS 4-10



FEATURES

- Long life elastomer diaphragm (ranges 4–6)
- Proven sealed piston sensor (ranges 7–10, 10HP1)
- High quality snap action switch
- Field adjustable
- Easily customized
- Quick delivery
- NEMA 4, 13

DIMENSIONS



Dimensions In Inches And Are Reference Only.

Red - N.O. Pin 1 - Com
Blue - N.C. Pin 2 - N.C.
Black - Com Pin 3 - N.O.
Pin 4 - not used

SPECIFICATIONS

Set Point Range	10 – 7500 PSI (.69 – 310 Bar)
Set Point Tolerance	±5 PSI or 5% (.34 Bar)
Maximum Operating Pressure	TDPS 4-7 2000 PSI (138 Bar) TDPS 8-10 5000 PSI (344 Bar) TDPS 10HP1 7500 PSI (517 Bar)
Proof Pressure	6,000 PSI (TDPS 4-7) 15,000 PSI (TDPS 8-10) 22,500 PSI (TDPS 10HP1)
Differential Current Rating	10 – 20%
Media Connection	5 A @ 250 VAC 5 A @ 30 VDC (Resistive)
Circuit Form	See Order Chart Below for Options SPST-NO or SPST-NC
Electrical Connection	See Order Chart Below for Options
Diaphragm material	Buna (Ranges 4–6) Stainless Steel Piston (Ranges 7–10, 10HP1)
Cycle Life	1 Million

DO NOT ADJUST THE UNIT CLOSE TO EITHER EDGE OF THE ADJUSTMENT RANGE. THIS MAY CAUSE THE SWITCH TO MALFUNCTION

ORDERING

Series	Pressure Connection	Circuit Type	Electrical Connection
TDPS4	3	C	W
TDPS4	10-40PSI (25PSI Center)	3= 1/4" NPT	W= Wire Leads
TDPS5	25-100PSI (65PSI Center)	10= 9/16" x 18SAE Male	L= Large DIN
TDPS6	50-200PSI (125PSI Center)	2= 3/8" NPT Male	
TDPS7	100-400PSI (250PSI Center)	20= 3/4" x 16 SAE Male	
TDPS8	250-1000PSI (625PSI Center)		
TDPS9	500-2000PSI (1250PSI Center)		
TDPS10	1200-4500PSI (2850PSI Center)		
TDPS10HP1	2200-7500PSI (4850PSI Center)		

*Contact factory for additional optional/custom modifications.

Specifications may change without notice. The information we supply is believed to be accurate and reliable as of this printing. However, we assume no responsibility for its use. While we provide application assistance personally, through our literature and the Transducers Direct web site, it is up to the customer to determine the suitability of the product in the application.

REV: 12.11