



FOR INDUSTRY PROFESSIONALS



PRESSURE SWITCHES

HIGH PRECISION. ECONOMICAL PRICES.

- Small size and lightweight for direct mounting.
- Encapsulated, non-adjustable, SPST direct mount switches
- Use with HFC, HCFC and CFC refrigerants
- Can also be used as operating controls in applications such as a low ambient condenser fan controls



Snap action stainless steel hermetically sealed sensor (SHP, SLP & SFC)



Excellent set point repeatability and stability



Applications include:
 -Refrigeration systems
 -Air conditioning systems
 -Heat pump systems

Technical Specifications

Pressure Switch Ratings

Life Cycles @ RLA	100,000 Average
Maximum LRA	36 Amps
Maximum RLA	
Volts	RLA
12 to 28 VDC / VAC	10 Amps
48 VDC / VAC	5 Amps
110 to 120 VAC	5.8 Amps
208 to 240 VAC	2.9 Amps
Temperatures	Temperatures
Ambient	-20°F to 176°F (-30°C to 80°C)
Fluid	-60°F to 250°F (-50°C to 120°C)
Pressure Ranges	Pressure Ranges
Working	0 to 650 PSI
Bursting	5,000 PSI
Connection:	1/4" SAE Female Flare With Valve Core Depressor
Wire Leads:	UL1015 18 AWG / 18" Length



Low Pressure Open on Pressure Drop

TRADEPRO P/N	OPEN PSI (CUT-OUT)	CLOSE PSI (CUT-IN)	TOLERANCE +/-PSI
TP-LP0520	5	20	5
TP-LP1025	10	25	5
TP-LP1535	15	35	5
TP-LP2550	25	50	5
TP-LP2565	25	65	5
TP-LP2580	25	80	5
TP-LP4080	40	80	5
TP-LP5090	50	90	5

High Pressure Open on Pressure Rise

TRADEPRO P/N	OPEN PSI (CUT-OUT)	CLOSE PSI (CUT-IN)	TOLERANCE +/-PSI
TP-HP350250	350	250	15
TP-HP375265	375	265	15
TP-HP400300	400	300	15
TP-HP425300	425	300	15
TP-HP600475	600	475	15
TP-HP610420	610	420	15
TP-HP665565	665	565	15

Manual Reset High Pressure Open on Pressure Rise

TRADEPRO P/N	OPEN PSI (CUT-OUT)	CLOSE PSI (CUT-IN)	TOLERANCE +/-PSI
TP-MR410	410	MANUAL	15

Fan Cycle Close On Pressure Rise

TRADEPRO P/N	OPEN PSI (CUT-OUT)	CLOSE PSI (CUT-IN)	TOLERANCE +/-PSI
TP-FC150225	150	225	15
TP-FC170250	170	250	15
TP-FC210275	210	275	15

PRESSURE SWITCH CROSS REFERENCE GUIDE

Low Pressure Open on Pressure Drop

TRADEPRO P/N	Mars®	Johnson Ctrls®	Ranco®	Robertshaw®
TP-LP0520	33329	P100AC1C	MPL7001	3101001
TP-LP1025	333330	P100AP201C	MPL7011	3100050
TP-LP1535	33333	P100AC2	MPL7002	3100050
TP-LP2550	43372	-	MPL7012	MG212033
TP-LP2565	33336, 43347	-	-	3101002
TP-LP2580	33363, 43348	-	MPL7003	3101003, 3100051
TP-LP4080	33364, 43350	-	MPL7014	3101005, 3100052
TP-LP5090	33339, 43374	-	-	-



High Pressure Open on Pressure Rise

TRADEPRO P/N	Mars®	Johnson Ctrls®	Ranco®	Robertshaw®
TP-HP350250	33356, 33316, 43327	-	-	MPH71053101, 3100150
TP-HP375265	33319, 43328	-	MPH7106	3100111
TP-HP400300	33358, 33370	P100CA1C, P100CP1C	MPH7107	3101202, 3100151, MG21-112
TP-HP425300	33325, 43332	-	-	-
TP-HP600475	33361, 43335	-	-	-
TP-HP610420	-	-	-	-
TP-HP665565	-	P100CP85D	-	-

Manual Reset High Pressure Open on Pressure Rise

TRADEPRO P/N	Mars®	Johnson Ctrls®	Ranco®	Robertshaw®
TP-MR410	33365, 43313	P100DA1C	MPH7110	3101301, 3100103

Fan Cycle Close On Pressure Rise

TRADEPRO P/N	Mars®	Johnson Ctrls®	Ranco®	Robertshaw®
TP-FC150225	43304	P100AP3C	MPF7008	-
TP-FC170250	-	P100AP4C	-	-
TP-FC210275	33341	-	MPF7009	3101101, 3100079

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