



HI/LO PRESSURE CONTROL SWITCH - P830HLM E DUAL MANUAL

Chiller Manufacturer • HVAC & R Expert • Process Cooling Specialist



P series pressure control can protect compressors in refrigeration and air-condition plant, and keep them from over-low pressure or over-high suction pressure.

P series pressure controls can start and stop refrigeration compressors and fans for air cooled condensers.

P series pressure controls can be used not only in fluoride refrigeration, but also in air and liquid.

P series pressure controls are fitted with 3 kinds of changeover switch: a single pole double throw (SPDT), a double pole single throw (DPST) and a double pole double throw (DPDT). The position of the switch is determined by the pressure control setting and the pressure at the connector.

Approvals: DnV, Det norske Veritas (Norway), CQC (China), CE (Europe), UL(USA).

TECHNICAL DATA

Ambient temperature : -40 ~ 65°C

Medium temperature : -40 ~ 120°C

Cable connection : The cable entry can be used for 15mm dia.

Max. working pressure : L.P.: 1 MPa, H.P.: 3 MPa

Max. test pressure : L.P.: 1.65 MPa, H.P.: 3.3MPa

ELECTRICAL DATA

Dual Pressure Switch Type & Data (Unit: MPa):

| Symbol | Model | Low Pressure | | High Pressure | | Reset | | Max Working Pressure | |
|---------------|------------|--------------|--------------|---------------|--------------|-------|------|----------------------|------|
| | | Adjust Range | Differential | Adjust Range | Differential | L.P. | H.P. | L.P. | H.P. |
| Dual Pressure | P830(E) | -0.05→0.6 | 0.1~0.4 | 1.0→3.0 | Fixed ≤0.4 | Aut. | Aut. | 1.7 | 3.3 |
| Dual Pressure | P830HM(E) | -0.05→0.6 | 0.1~0.4 | 1.0→3.0 | Fixed ≤0.4 | Aut. | Man. | 1.7 | 3.3 |
| Dual Pressure | P830HLM(E) | -0.05→0.6 | Fixed ≤0.4 | 1.0→3.0 | Fixed ≤0.4 | Man. | Man. | 1.7 | 3.3 |

Model name state "E" is connection 1/4" Flare nut 7/16" -20UNF thread;

Without "E" is connection φ6 Flare nut M12*1.25 thread.