

D17P30AM2MS100

123±1.5
62±1
Cover color: RAL7016
Working with ground protection
Logo color: RAL9003
S12(0/-0.2)
Cable bushing φ 6 φ 14mm
LP Diff.
LP Cut in Range
HP Cut out Range
32.7±0.5
10.5
1.0min
4±0.5
7/16-20UNF
1/4 horn
4±0.5
1.0min
36.5±0.5
PRODUCT LABEL LP
PRODUCT LABEL HP

43±1
Reset button
Push to reset
Mounting screws: 4×M4
Remove the mounting screws before installation
25.4±0.2
15.8
3.3
50

Print label

Contact function:

Pressure Down Manual Reset
1 5 6 M 2
3 4 HP
Auto Reset Pressure Rise

Plastic cap

Print label

Notes:

- Refrigerant: R22,R134a, R404A, R407A, R407C, R407F, R422B, R422D, R438A,R448A, R449A, R507, R450A, R452A, R507A, R513A.
- P. S. (Maximum working pressure):
LP: 16.5bar/239psi, HP: 35bar/507psi;
- Valve leakage: ≤2.83g/a, atLP: 16.5bar/239psi, HP: 35bar/507psi;
- Burst pressure: LP: >66bar/957psi; HP: >140bar/2030psi;
- Contact resistance: <100mΩ;
- Insulation resistance: ≥100MΩ (DC500V);
- Dielectric strength: Withstand AC1968V×1s, leakage current≤2mA, No dielectric breakdown or flashover;
- Electric data:

Rated voltage (V)	AC1	AC3	AC15	DC
	400	400	400	24
Rated amps (A)	16	16	10	16

- T. S. (Max. Allow Temperature):
Ambient: -30℃~+65℃, Fluid: -40℃~+120℃;
- Protection rating: IP30;
- Other performances following the 2014/68/EU, EN12263 standards;
- Cut out and Cut in pressure gauges; Cut out-Diff.=Cut in.

Matters need attention:

- The setting accuracy of Cut out pressure and Cut in pressure on the low and high side of the system should be measured and adjusted with a precise pressure gauge. The scale set on the product is an approximation only for reference.
- When working, please use the grounding protection.
- Cut out pressure on the low side must be higher than the absolute vacuum pressure (pc = -1 bar) !
- During installation, Pay attention not to connect the high pressure (HP) part with the low pressure.
- Do not replace installation screws of different lengths without authorization, so as to avoid affecting internal mechanism action or damaging internal structure.
- When installing the controller, the joint and nut must be tightened with two wrenches.
- When installing the outer cover of the controller, the outer cover shall be installed from top to bottom, and the tightening torque of the outer cover shall not be greater than 0.55N.m.

MODEL	Pressure range [bar]/[psig]	Diff. range [bar]/[psig]	Reset	Factory setting			
				Cut out [bar]/[psig]	Cut in [bar]/[psig]	Diff. [bar]/[psig]	Use terminals
D17P30AM2MS100	LP -0.5...7/ -7...101.5	0.7...5/ 10...72.5	Auto	2±0.2/ 29±2.9	3±0.2/ 43.5±2.9	1±0.2/ 14.5±2.9	1-3
	HP 6...32/ 87...464	Fix. 5/72.5	Manual	20±0.5/ 290±7	15/217	5/72.5	2-4

Pressure Controller				D17P30AM2MS100	
Works		Weight		Ratio	
S		509.53		1: 1.5	
Total		Page1			
		eliwel Controls S.r.l. Via dell'Industria 15 - 01100 01100 Viterbo, Italy			

Label	NO.	Change	Reason	Signature	Date
Designer		Standard			
Checker		Order			
Verifier		Approval			
Processor		Date			