

SPECIFICATIONS

PRESSURE SWITCH ANW1955 SERIES



Pressure Switch ANW1955 Series

Benefits/features

- Suitable for refrigeration systems
- Manual and automatic reset functions
- Adjustable pressure and differential pressure

Basic information

Process connection	G1/4 male, 1/4SAE male The threads can be customized
Cable diameter	6-14mm
Tests / Admissions	UL 508 (the Standard for Safety For Industrial Control Equipment)

*RoHS-compliant products are assigned separate material numbers. Please ensure careful selection when placing an order.

Electrical overview

Switching load	FL8A/LR48A at 240VAC FL16A/LR96A at 120VAC
Dielectric strength	2000V/one minute without breakdown

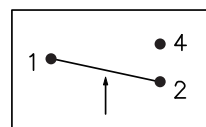
Operating conditions

Medium	R22, R134a, R404A, air, liquid, etc
Temperature	Medium: -40... +120°C [-40...248°F] Ambient: -20... +65°C [-4...149°F]
Protection standard	IP20, IP30 (with bracket and cover), IP44 (with bracket, cover, and cap), IP55 (with integral cover)

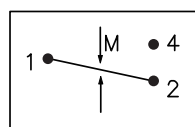
Installation arrangement

Installation torque	2N*M
Recommendation (Factory set)	Vertical, pressure connections facing downwards

Contact version (SPDT)



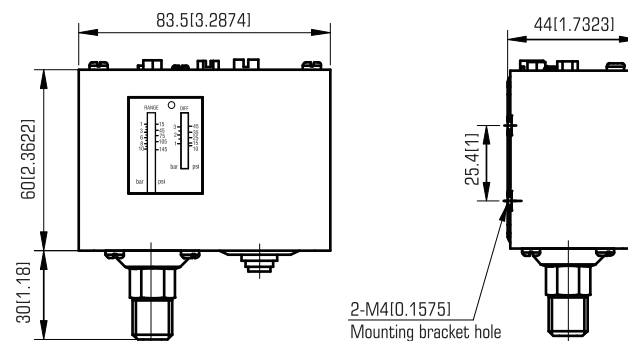
Automatic Reset



Manual Reset

1=COM 2=NC 4=NO

Dimensions in mm [in]



ORDER CODE SELECTION TABLE

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Pressure Switch ANW1955 Series

Name	Model	Reset Method	Process Connection	Bracket
ANW1955	02		A	L
	02 03 06 08 10 14 16 20 30D 32 42	None=Auto reset M=Manual reset	A = 1/4SAE male B = G1/4 male C = NPT1/4 male D = R1/4 male E = G1/4 female F = NPT1/4 female G = R1/4 female H = M12*1.25 male I = Welded copper pipe	None=Without bracket P=Flat type L=L type U=U type

Note: The above rules are applicable for non-RoHS material selection. For RoHS compliant products, simply add the model number with (R) designation.

ANW1955 Pressure Switch	Model	Pressure Range	Pressure Difference Range	Max Working Pressure
	02	-0.5...2	0.2...0.7	10
	03	-0.5...3	0.35...1.5	10
	06	-0.5...6	0.6...4	17
	08	-0.2...7.5	0.7...4	17
	10	1...10	1...3	17
	14	2...14	1...4	17
	16	3...16	1...4	20
	20	5...20	2...5	35
	30D	5...30	3...10	35
	32	8...32	2...6	35
	42	8...42	4...10	45

Unit:bar

1bar=100kPa=0.1MPa=14.5psi