

SPECIFICATIONS

PRESSURE SWITCH ANW1958 SERIES



Pressure Switch ANW1958 Series

Benefits/features

- Suitable for refrigeration systems
- Manual and automatic reset functions
- Adjustable pressure and differential pressure
- Design of Double Head Pressure Switch

Basic information

Process connection	G1/4 male, 1/4SAE male The threads can be customized
Cable diameter	6-14mm diameter cable gland
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

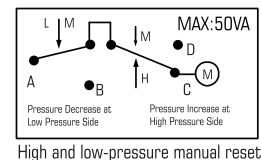
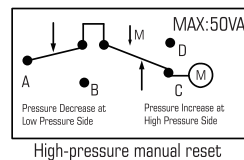
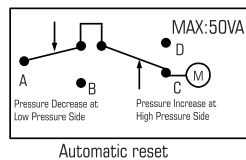
Operating conditions

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

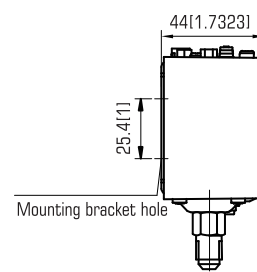
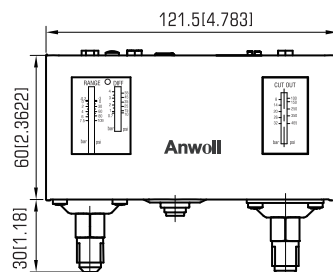
Installation arrangement

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

Contact version(SPDT)



Dimensions in mm [in]



ORDER CODE SELECTION TABLE

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Name	Model	Reset Mode	Interface Type	Bracket
ANW1958	32		A	L
	32 45	None=Automatic reset HM=High-pressure manual reset HLM=High and low-pressure manual reset	A=1/4SAE male B=G1/4 male 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.

ANW1958 Pressure Switch	Model	Low-Pressure Side		
		Pressure Range	Pressure Difference Range	Maximum Working Pressure
	32	-0.2...7.5	0.7...4	17
	45	2...12	1...5	17

High-Pressure Side		
Pressure Range	Pressure Difference Range	Maximum Working Pressure
8...32	fixed 4	35
8...45	fixed 7	48

Unit: bar
1 bar = 100kPa = 0.1MPa = 14.5psi