

# SPECIFICATIONS

## SMALL MULTI-PURPOSE PRESSURE SWITCH ANW1108



### Small Multi-purpose Pressure Switch ANW1108

#### Benefits/features

- Switch with automatic reset design
- Suitable for applications such as air and water pressure control, internal circuitry of electrical refrigeration equipment, indoor air conditioning, or indoor cooling devices
- Typical applications include safety devices, air conditioning, and refrigeration equipment

#### Basic information

Pressure set range (gauge pressure)	From 0.02 MPa to 6.5 MPa; below 1.0 MPa is considered low pressure, while 1.0 MPa and above is considered high pressure
Process connection	M threads (below M10), M threads (above M12), NPT threads, R threads, G threads, UNF threads, and copper pipes, etc
Burst pressure	34.5MPax1min, no damage or leakage
Mechanical lifespan (switching cycles)	100,000
Electrical lifespan (switching cycles)	30,000
IP grade	IP67
Tests / Admissions	UL

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

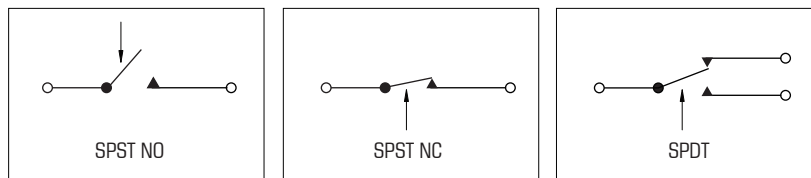
#### Electrical overview

Switching load	24...250VAC 0.02...6A; 8...36VDC/0.02...3A; 600VAC 0.02...3A(UL) 20VAC/6A; 250VAC/6A(CE); 250VAC/3A(CQC) Under the condition of ensuring electrical lifespan without pressure difference switch, the maximum current is 0.5A
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#### Operating conditions

Medium	Air, water, motor oils, transmission oils, jet fuels and other similar Hydrocarbon Media
Temperature	Ambient: -40...+65°C[-40...+149°F](Low pressure); -40...+120°C[-40...+248°F](High pressure) Medium: -40...+80°C[-40...+176°F](Low pressure); -40...+135°C[-40...+275°F](High pressure)

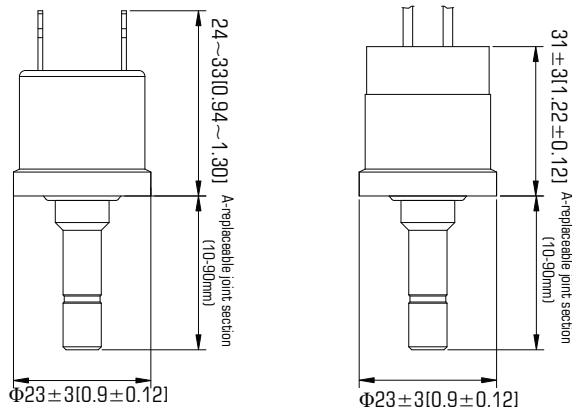
#### Contact version



# DIMENSIONS & ORDER CODE SELECTION TABLE

## SMALL MULTI-PURPOSE PRESSURE SWITCH ANW1108

Dimensions in mm [in]



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Name	Electrical Connections	Process Connection	Base Material	Contact Version
ANW1108	1	2	1	C
	1=Outgoing model 2=Insert style	0=Other (Insert rod/Barb) 2=M thread (below M10) 3=M thread (above M12) 4=NPT thread 5=R thread 6=G thread 7=UNF thread 8=Purple copper tube	1=Brass 2=Stainless steel 8=Purple copper	C=SPST-NC O=SPST-NO D=SPDT

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

ANW1108 Small Multi-purpose Pressure Switch	Action Pressure	Tolerance	Proof Pressure
	0.02 ≤ < 0.6MPa	±0.03MPa	1.5MPa
	0.6 ≤ < 1.0MPa	±0.05MPa	2.0MPa
	1.0 ≤ < 2.0MPa	±0.07MPa	3.0MPa
	2.0 ≤ < 3.0MPa	±0.10MPa	4.0MPa
	3.0 ≤ < 4.0MPa	±0.15MPa	5.5MPa
	4.0 ≤ < 5.0MPa	±0.20MPa	6.5MPa
	5.0 ≤ < 6.5MPa	±0.25MPa	8.0MPa

1bar=100kPa=0.1MPa=14.5psi