

# SPECIFICATIONS

## HIGH CURRENT PRESSURE SWITCH ANW1108A



### High Current Pressure Switch ANW1108A

#### Benefits/features

- Switch with automatic reset design
- The maximum pressure set point can reach 750PSI, and the maximum rated current is 25A
- Typical application safety devices/air conditioning/refrigeration equipmen

#### Basic information

Pressure set range (gauge pressure)	From 0.1 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 thread, NPT thread, R thread, G thread, UNF thread, copper pipe (Other sizes can be customized)
Burst pressure	34.5MPax1min, no damage or leakage
Mechanical lifespan (switching cycles)	100,000
Electrical lifespan (switching cycles)	30,000
IP grade	IP67

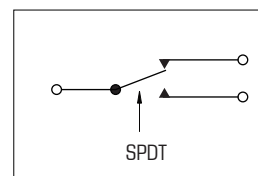
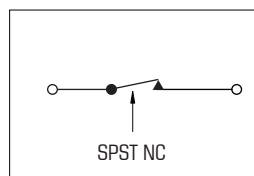
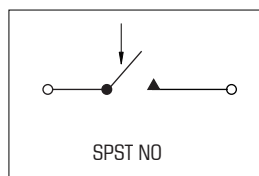
#### Electrical overview

Switching load	120VAC /20A,250VAC/10A;36VDC/15A
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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)

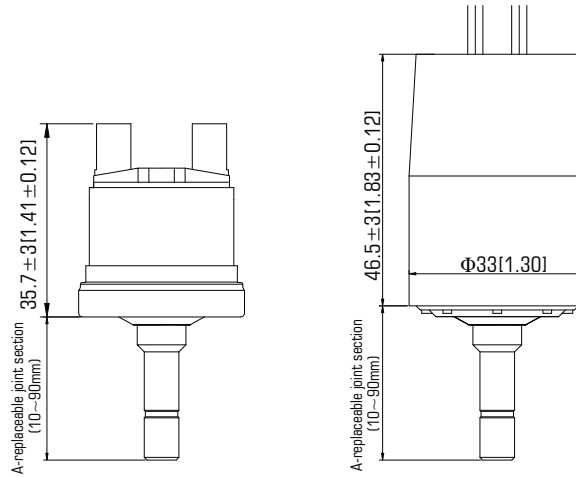
#### Contact version



# DIMENSIONS & ORDER CODE SELECTION TABLE

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Dimensions in mm [in]



### High Current Pressure Switch ANW1108A

Name	Electrical Connections	Process Connection	Base Material	Contact Version
ANW1108A	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

ANW1108A High Current Pressure Switch	Action Pressure	Tolerance	Proof Pressure
	0.1 ≤ < 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