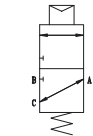


# Snap Acting Relays YT-520 / YT-525 / YT-530 / YT-535

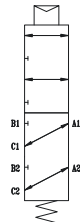
## Design features

- **Rugged and reliable design.** Suitable for all environments.
- **Designed for valve actuation.** Changes the direction of the supply air to a 'fail-safe' circuit, or fail-freeze in its last known position, on sudden loss of supply air pressure.

## Symbol



Single-Acting Type



Double-Acting Type



YT-520S

YT-525D

YT-530D

YT-535S



Item Type	YT-520	YT-525	YT-530	YT-535
Hysteresis	= Below 0.01 MPa = 0.1 bar = 1.45 psi			
Signal Pressure	0.14 to 0.7 MPa = 1.4 to 7 bar = 20 to 102 psi			
Max. Supply Pressure	1 MPa = 10 bar = 145 psi			
Operating Temp.	-20 to +70 °C (-4 to +158 °F) (Standard type)			
Signal Connection	1/4 NPT			
A, B, C Connection	1/4 NPT		3/8 NPT	
Flow Capacity (Cv)	0.9		1.8	
Material	Aluminium Diecasting	Stainless Steel 316	Aluminium Diecasting	Stainless Steel 316
Weight	Single	0.71 kg (1.6 lb)	1.7 kg (3.8 lb)	3.3 kg (7.3 lb)
	Double	1.3 kg (2.9 lb)	3.1 kg (6.9 lb)	5.8 kg (12.8 lb)

## Product Code

YT-520 - S - 2 - 1

### Model

YT-520 = Aluminium 1/4"  
YT-525 = Stainless Steel 1/4"  
YT-530 = Aluminium 3/8"  
YT-535 = Stainless Steel 3/8"

### Acting Type

S = Single  
D = Double

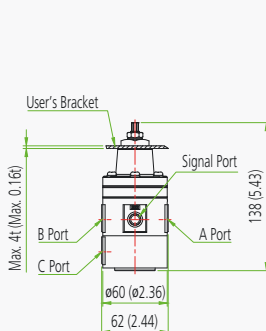
### Connection Type

2 = NPT

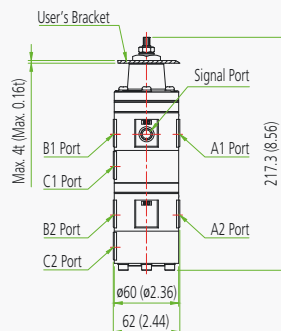
### Operating Temp.

1 = -20 to +70 °C (-4 to +158 °F) (N/A for EAC)  
2 = -20 to +120 °C (-4 to +248 °F) (N/A for EAC)  
3 = -40 to +70 °C (-40 to +158 °F)  
4 = -50 to +70 °C (-58 to +158 °F) (EAC only)

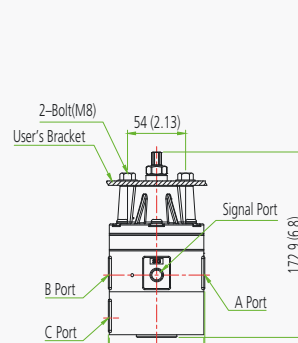
Dimensions: mm (Inches ")



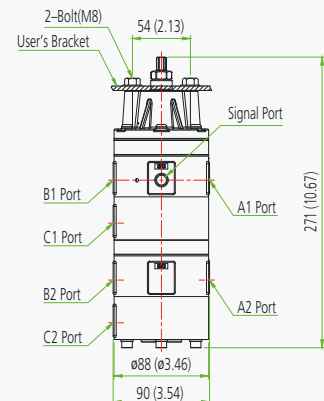
YT-520S/525S



YT-520D/525D



YT-530S/535S



YT-530D/535D

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