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

## **Design features**

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- **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.
- **Differential Pressure** . Differential Pressure of more than 1 bar is required when setting.



CE

**Product Code** 



YT-535S



YT-525D

YT-530D

YT-520 - S - 2 - 1





Single Acting Type

Double Acting Type

Item Type		YT-520	YT-525	YT-530	YT-535
Signal Pressure		0.14 to 0.7 MPa (1.4 to 7 bar)			
Max. Supply Pressure		1 MPa (10 bar)			
Operating Temp.		-20 to 70 °C (-4 to 158 °F) (Standard type)			
Signal Connection		NPT 1/4			
In / Output Connection		NPT 1/4		NPT 3/8	
Flow Capacity (Cv)		0.9		1.8	
Material		Aluminium Diecasting	Stainless Steel 316	Aluminium Diecasting	Stainless Steel 316
Weight	Single	0.73 kg (1.8 lb)	1.66 kg (3.7 lb)	1.3 kg (2.2 lb)	3.3 kg (7.3 lb)
	Double	1.2 kg (2.7 lb)	3.1 kg (6.3 lb)	2.3kg (5.1 lb)	5.8kg (12.8 lb)

 Model

 YT-520 = Aluminum 1/4"

 YT-525 = Stainless Steel 1/4"

 YT-535 = Aluminum 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

 2 = -20 to 120 °C

 3 = -40 to 70 °C

(2.13 BOLT(M8) USER'S BRACKET M USER'S BRACKET (2.13) SIGNAL PORT BOLT(M8 B PORT 1 PORT 1 USER'S BRACKET 6 Max. 4t (Max. 0.16) OUT PORT 1-1 USER'S BRACKET C PORT 1 271 ō OUT PORT 1-2 SIGNAL PORT 217.3 (8.56) IN PORT 1 172.9 (6.81) **B** PORT B PORT 2 A PORT 2 Max. 4t (Max. 0.16) OUT PORT 2-1 SIGNAL PORT OUT PORT 1 6 138 543) ð OUT PORT 2-2 C PORT C PORT 2 OUT PORT 2 IN PORT 2 A PORT IN PORT ø62 (ø2.44) ø62 (ø2.44) ø90 (ø3.54) ø90 (ø3.54) SIGNAL PORT YT-520S/525S YT-520D/525D YT-530S/535S YT-530D/535D

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Dimensions: mm (Inches ")

Valve Positioners and Accessories