



Snap Acting Relay TS250/260/255/265 Series

- Quick Response and high precision
- Easy set-up of signal air pressure
- Can be switched to Lock up valve
- Options available (High & Low Temperature)

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Description

Snap Acting Relay is a device that moves the control valve to the desired position in case of an emergency by switching or locking OUT port of pneumatic pipe when the signal pressure is lower than the set pressure.

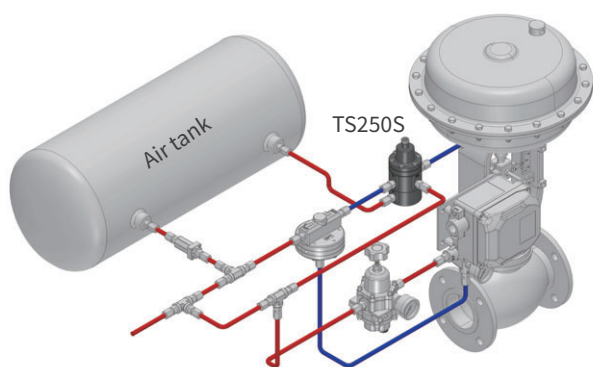
Features

- + Quick Response and high precision
- + Easy set-up of switching signal air pressure
- + Can be switched to Lock up valve
- + Options available (High & Low Temperature)

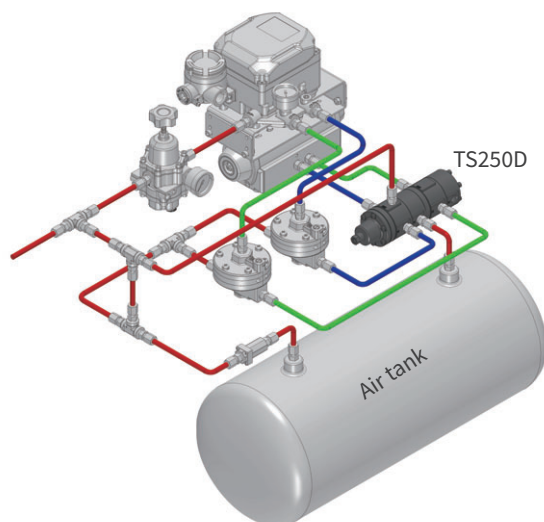
Certified



Installation examples



Single actuator



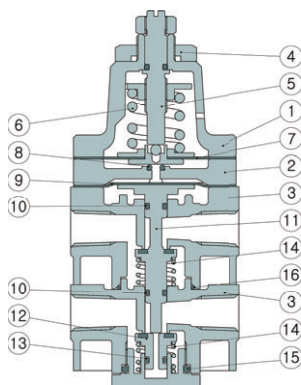
Double actuator

Snap Acting Relay TS250/260/255/265 Series

Specifications

Model	TS250S	TS250D	TS255S	TS255D	TS260S	TS260D	TS265S	TS265D
Signal pressure	0.14~0.7MPa							
Max supply pressure	1MPa							
Max lock up pressure	0.7MPa							
Differential pressure	Below 0.01MPa							
Operating temperature	-20°C~70°C(Standard type)							
Flow capacity(CV)	0.9				1.8			
In/Out connection	NPT(PT)1/4		NPT1/4		NPT(PT)3/8		NPT3/8	
Signal connection	NPT(PT)1/4		NPT1/4		NPT(PT)1/4		NPT1/4	
Material	Aluminum die cast		Stainless steel 316		Aluminum die cast		Stainless steel 316	
Weight	0.7kg	1.3kg	1.7kg	3.1kg	1.2kg	2.1kg	3.3kg	6.0kg

Material of construction



No.	Title	TS250/TS260	TS255/TS265
1	Cover	ALDC12	STS316
2	Ring	ALDC12	STS316
3	Body	ALDC12	STS316
4	Mounting nut	STS	STS316
5	Shaft adjust	STS	STS316
6	Spring adjust	HSW3	STS
7	Ass'y diaphragm	STS/NBR	STS/NBR
8	O-ring	NBR	NBR
9	Diaphragm lower	NBR/SILICONE	NBR/SILICONE
10	O-ring	NBR	NBR
11	Shaft push	C3604BD	STS316
12	Seat	C3604BD	STS316
13	O-ring	NBR	NBR
14	Spring seat	STS	STS
15	O-ring	NBR	NBR
16	O-ring	NBR	NBR

Product code

Model	TS2					
In/ Output port size	1/4"	5				
	3/8"	6				
Material	Aluminum		0			
	Stainless steel 316		5			
Acting type	Single			S		
	Double			D		
Air connection type*	NPT				N	
	PT				P	
Ambient temperature	-20°C~70°C					S
	-20°C~120°C					H
	-40°C~70°C					L
	-60°C~70°C					U

* TS255/265 are only available with NPT .



Solutions for control valve system

tissin

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