

Description

The pneumatic Lock Up Valve series shuts off the signal pressure line either when the air supply falls below an adjusted value or upon complete air supply failure. This causes the actuator to remain in its last position.

Features



LU200S

LU200D

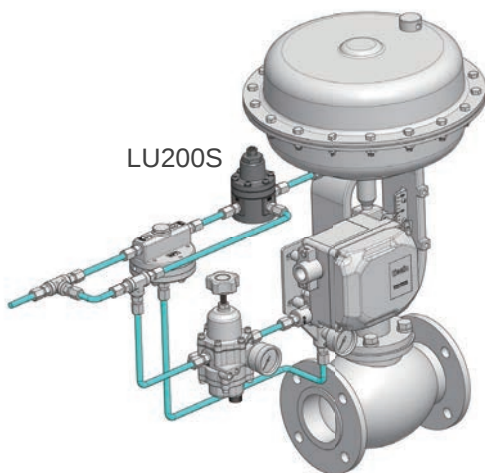


LU205S

LU205D

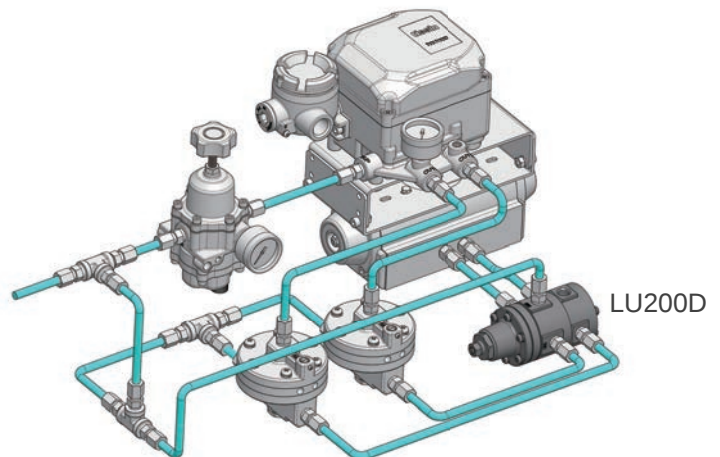
- + Quick Response and high precision
- + Easy set-up of lock up air pressure
- + Small size and light weight
- + Options available (High & Low Temperature)

Installation examples



LU200S

Single actuator



LU200D

Double actuator

Specifications

Model	LU200S	LU200D	LU205S	LU205D
Signal pressure	0.14~0.7MPa			
Max supply pressure	1MPa			
Max lock up pressure	0.7MPa			
Differential pressure	Below 0.01MPa			
Flow capacity(CV)	1/4":0.9, 3/8":1.9, 1/2":2.9, 3/4":4.98, 1":6.02			
Signal connection	NPT1/4, PT1/4			
In/Out connection	NPT/PT 1/4"~1"			
Operating temperature	-20°C~70°C(Standard type)			
Material	Aluminum die cast		Stainless steel 316	

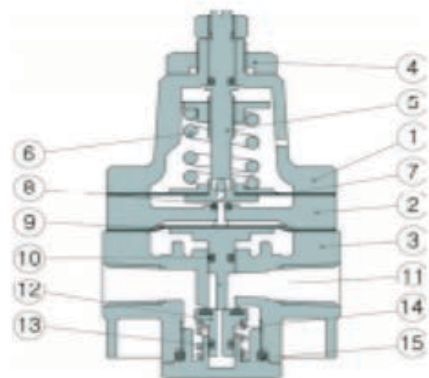
Note: Model D=double acting type, S=single acting type

Product code

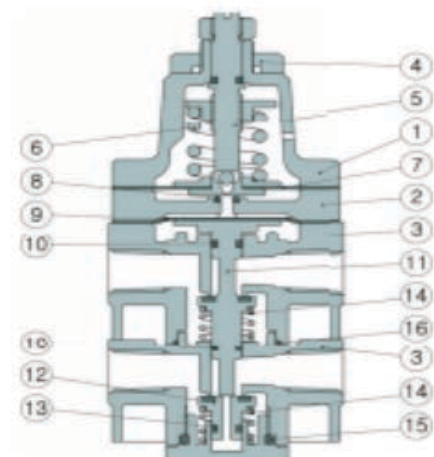
Model	- 02 - N - HT			
Material	Aluminum Alloy	LU200		
	316SS	LU205		
Input/output Connection	02:1/4" 03:3/8" 04:1/2" 06:3/4" 08:1"			
Connection Type	NPT		N	
	PT		P	
Ambient temperature	-20°C~70°C			Blank
	-20°C~120°C			HT
	-40°C~70°C			LT
	-60°C~70°C			LLT

Material of construction

No.	Title	LU200	LU205
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	STS316
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	MNR	MNR



Single type



Double type