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Tradinco 
Instruments[®]
The Calibration Company

43xx PRESSURE LIMITING VALVE

- **High precision**
- **Compact size**
- **Easy to install**
- **Automatic reset**
- **Robust**
- **Excellent repeatability**
- **Very Low pressure ranges available**
- **Extensive ranges**
- **Non-venting design**
- **Suitable for use with oxygen (optional)**
- **Adjustable shut off pressure**



Tradinco pressure limiting valves are small automatic operating valves, specially designed to protect pneumatic and hydraulic systems and instrumentation against overpressure.

Operation

The system or instrument must be connected to the "outlet" of the pressure limiting valve. Adjust the shut-off pressure with the pressure adjusting screw. As soon as the supply pressure becomes higher than the set value, the pressure limiting valve will close and disconnect the instrument from the main pressure source. As the pressure decreases below the set value, the pressure limiting valve will automatically re-open.

TECHNICAL SPECIFICATIONS

Type:	Material:	
4340/41	Body	: brass
	Piston	: SS 316
	O-rings	: buna-n
	Membrane	: neoprene rubber
4350/60	Body	: chromium plated brass
	Piston	: SS 316
	O-rings	: buna-n; viton or e.p. on request
	Membrane	: neoprene rubber (for 4350 not applicable)
4350SS/60SS	Body	: SS316
	Piston	: SS316
	O-rings	: viton; buna-n or e.p. on request
	Membrane	: neoprene rubber (for 4350 not applicable)

Ordering code (chromium plated) brass body	Ordering code stainless steel body	Adjustable range bar	Max. pressure bar	Connections	Dimensions		Weight gram	Repeatability
					hex. size mm	length mm		
4360/LD	4360SS/LD	0.05-0.3	100	1/4" Female NPT	32	85	600	approx. 5%
4360/1	4360SS/1	0.2-2.5	100	1/4" Female NPT	32	85	500	approx. 5%
4360/2	4360SS/2	2.0-8.0	100	1/4" Female NPT	32	85	500	approx. 5%
4350/1	4350SS/1	7-56	700	1/4" Female NPT	36	85	600	approx. 10%
4350/2	4350SS/2	55-175	700	1/4" Female NPT	36	85	600	approx. 10%
4350/3	4350SS/3	176-560	700	1/4" Female NPT	36	90	600	approx. 10%
4340	X	0,3-7	16	M5 Female	18	65	250	approx. 5%
4341	X	7-10	16	M5 Female	18	65	250	approx. 5%

Pressure setting

Tradinco can set the pressure limiting valve to your requested value, ordering code: 4300xx

Distributor: