



Model 1356



Accessories



General representation



Waterworks

Differential Pressure Pilot

Description

The OCV 1356 is a two-way, normally closed pilot, that senses high pressure under its diaphragm, low pressure above the diaphragm, and balances the differential pressure against an adjustable spring load. An increase in differential above the spring set point tends to make the pilot open. The OCV 1356 is the standard pilot for OCV Series 110 Differential Control Valve. Sensing high and low pressures and opening at the differential set point, the pilot modulates the main valve to maintain the required differential pressure.

Technical Data

- Stainless steel body
- Elastomers (diaphragm, seat disc, o-rings)
 - EPDM (standard), BUNA-N & Viton® (optional)

MATERIAL	PART #	INLET/OUTLET (NPT)	VALVE SIZE
Stainless Steel, Buna-N	230713	3/8	1 1/4"-6"
Stainless Steel, Buna-N	230723	1/2	8"-16"
SPRING RANGES			
PART #	COLOR	RANGE PSI	RANGE kPa
651701	Green	5 - 30	35 - 210
651703	Red	20 - 80	140 - 560
651704	Yellow	65 - 180	450 - 1240
651702	Blue	100 - 300	700 - 2100

Rubber components are typically the only parts that may require periodic replacement. These are available in kits consisting of the diaphragm, the seat disc and all O-rings. Buna-N Kit-Part #930010, Viton® Kit-Part #930110, EPDM Kit-Part #930410

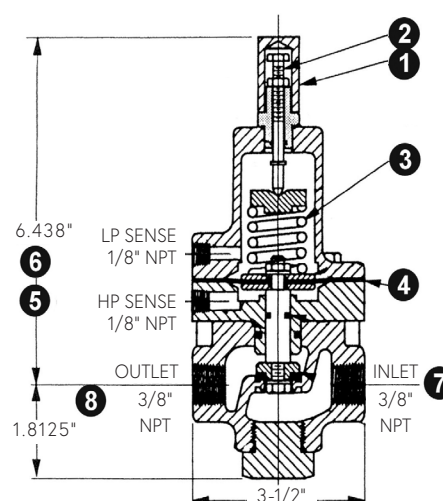
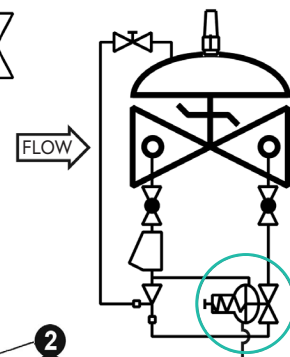
Features & Benefits

- Normally closed, increasing differential pressure opens valve
- Can be local or remote sensed
- All parts replaceable while mounted on valve
- Multiple spring ranges for accurate control
- Simple adjustment
- Rubber to metal seat for positive shut-off
- Stainless steel construction

The OCV 1356 is shown on schematics as:



EXAMPLE: Shown on an OCV 110 Differential Pressure Valve.



1. Adjusting Screw Cover
2. Adjusting Screw
3. Spring
4. Diaphragm
5. High Pressure Sense
6. Low Pressure Sense
7. Pilot Inlet
8. Pilot Outlet

