

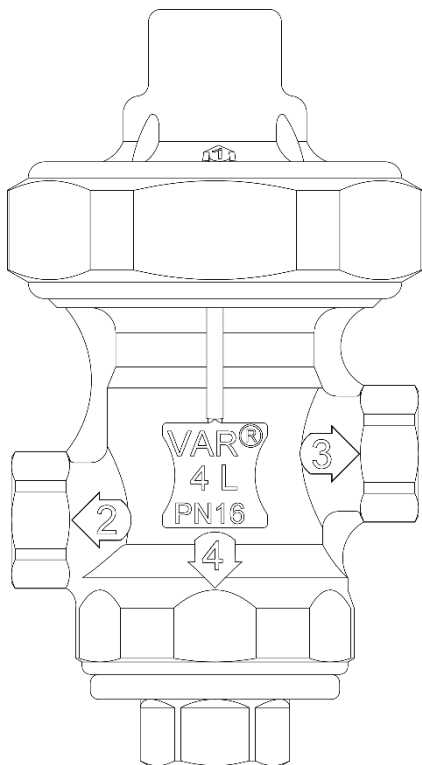
✓ Fast action valve **VAR**, is a three-way relay hydraulic control valve.

✓ Main functions :

Hydraulic relay and **switch signal**, normally closed or normally open. It allows to speed up the response time of the valve with other lower section elements such as solenoids.

Hydraulic remote control of a hydraulic valve

Anti topographical valve.



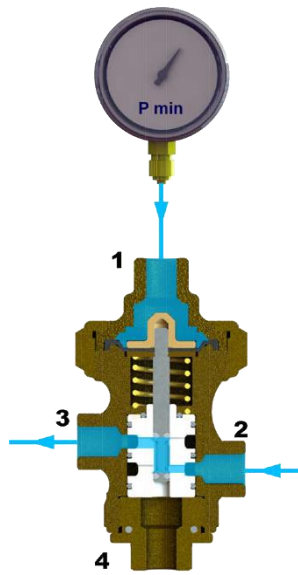
SPECIFICATIONS

- CONNECTIONS : 1/8" threads.
- DESIGN: Hydraulic relay.
- SIZES RANGE: Brass VAR®
- NOMINAL PRESSURE (bar): PN10 o PN16.
(psi): PN145 o PN232.

MATERIALS

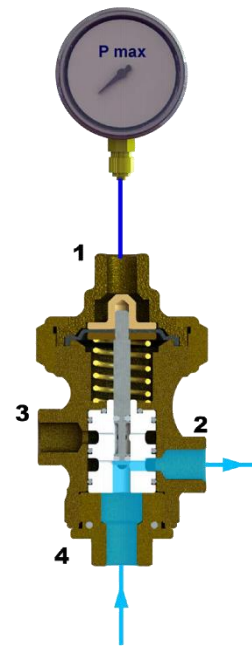
- BODY AND COVER: Brass
- DIAPHRAGM: EPDM
- SPRING: Stainless steel.
- CLOSING ELEMENTS: Teflon and NBR joints.

COMETAL pilots comply to standard ISO 10522-93 in terms of regulating direct action pressure regulating valves



Minimum activation P :

Minimum pressure in the sensor necessary for ports 2 and 3, to communicate being completely closed the port 4.



Maximum resting P:

Maximum pressure on the sensor, so ports 2 and 4, to communicate via being completely closed port 3.

DIMENSIONS AND WEIGHTS

| MODEL | NOMINAL PRESSURE | | INSIDE DIAMETER | | WEIGHT |
|------------|------------------|-----|-----------------|------|--------|
| | bar | psi | mm | inch | g |
| Brass VAR® | 16 | 232 | 4,0 | 0.16 | 455 |

SPRING SELECTION

NC VAR: PRESSURE TAP PORT 3

| SPRING | Activation Pmin | | Resting Pmax | |
|----------|-----------------|------|--------------|------|
| | bar | psi | bar | psi |
| Yellow | 1 | 14,5 | 0,2 | 2,9 |
| Standard | 1,4 | 20,3 | 0,5 | 7,3 |
| Green | 2 | 29 | 0,7 | 10,2 |
| Red | 2,6 | 37,7 | 0,9 | 13 |
| Blue | 3,3 | 47,9 | 1,2 | 17,4 |

NO VAR: PRESSURE TAP PORT 4

| MUELLE | Activation Pmin | | Resting Pmax | |
|----------|-----------------|------|--------------|------|
| | bar | psi | bar | psi |
| Yellow | 1,3 | 18,8 | 0,5 | 7,3 |
| Standard | 1,7 | 26,6 | 0,9 | 13 |
| Green | 2,4 | 34,8 | 1,2 | 17,4 |
| Red | 3 | 43,5 | 1,4 | 20,3 |
| Blue | 3,5 | 50,7 | 1,7 | 24,7 |