

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

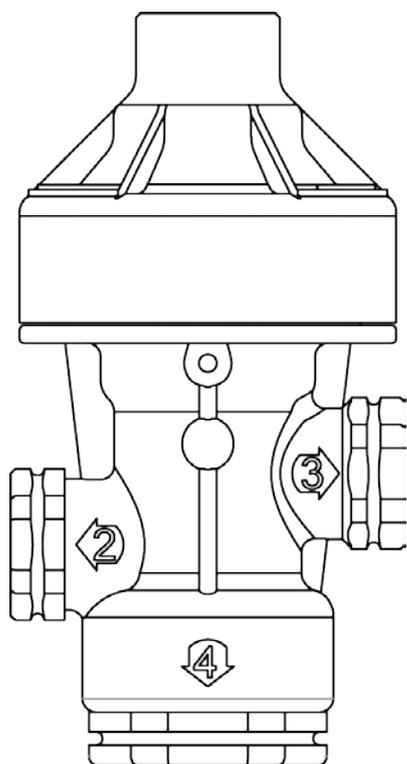
Main functions :

✓ **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.

✓ ONLY SUITABLE FOR AGRICULTURAL USE



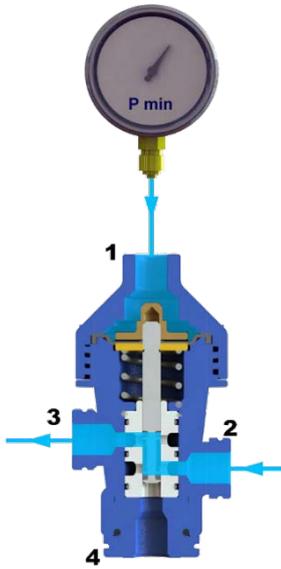
SPECIFICATIONS

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

MATERIALS

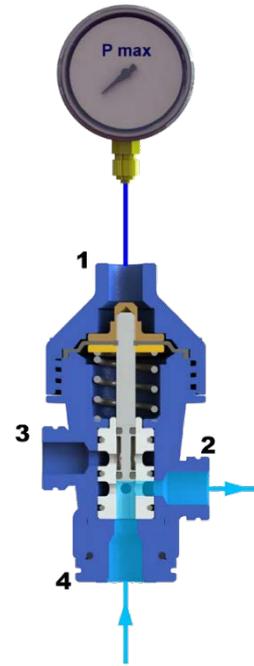
- BODY AND COVER:
Brass VAR® : Brass
Blue VAR® : Polyamide with fibre-glass.
- DIAPHRAGM: EPDM
- SPRING: Stainless steel.
- CLOSING ELEMENTS: Teflon and NBR joints.

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	
Brass VAR®	16	232	4,0	0.16	455
Blue VAR®	10	145	4,0	0.16	85

SPRING SELECTION

NC VAR: PRESSURE TAP PORT 3

SPRING	<i>Activation Pmin</i>		<i>Resting Pmax</i>	
	<i>bar</i>	<i>psi</i>	<i>bar</i>	<i>psi</i>
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	<i>Activation Pmin</i>		<i>Resting Pmax</i>	
	<i>bar</i>	<i>psi</i>	<i>bar</i>	<i>psi</i>
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