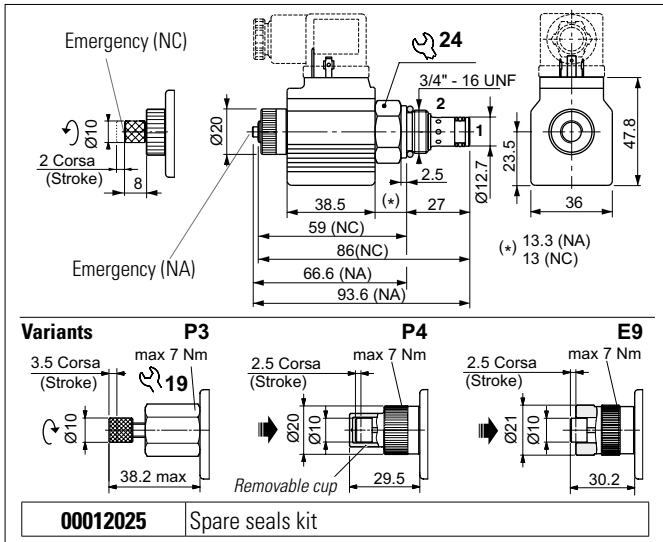
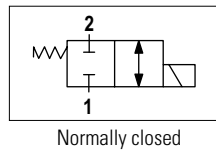
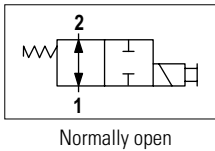


## SOLENOID VALVES 2 WAY 2 POSITIONS

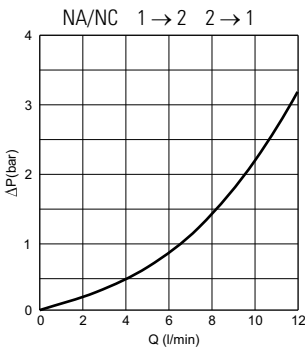


Connector to be ordered separately, see sect. 20

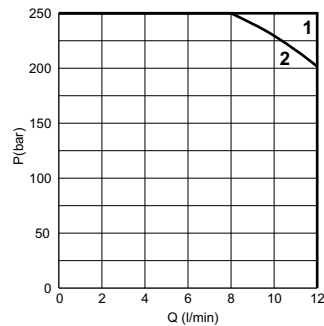
### HYDRAULIC SYMBOLS



### PRESSURE DROPS



### LIMIT OF USE



The electric valve is a 2-way 2-position bidirectional electrically controlled valve.

Slight leakage is tolerated for this type of valve.

Available in normally open (NA) or normally closed (NC) versions.

The valves work with DC coils whereas RAC coils with a connector with incorporated rectifier must be used for AC applications.

The sleeve is in galvanised steel (C2V0422NC..) or nickel-plated (C2V0422NA..). The plunger is in tempered and ground steel.

### FEATURES

Max. pressure	250 bar
Max. Flow	12 l/min
Max. excitation frequency	2 Hz
Duty cycle	100% ED
Hydraulic fluids	DIN 51524 Mineral oils
Fluid viscosity	10 ÷ 500 mm <sup>2</sup> /s
Fluid temperature	-25°C ÷ 75°C
Ambient temperature	-25°C ÷ 60°C
Max. contamin. level class with filter	ISO 4406:1999 - class 19/17/14
Type of protection (in relation to the connection used)	IP65
Weight (with coil)	0.30 kg
Cartridge tightening torque	25 ÷ 30 Nm
Coil ring nut tightening torque	7 Nm
Cavity (3/4 - 16 UNF)	CD018006 (See section 17)

### Limits of use

Flow	C2V04 NA	C2V04 NC
1 → 2	Curve 2	Curve 1
2 → 1	Curve 1	Curve 1

The tests were carried out with the 22W solenoids at operating temperature, with a supply voltage 10% below nominal valve and with a 40°C fluid temperature.

The fluid used is a mineral oil with viscosity of 46 mm<sup>2</sup>/s at 40°C.

### ORDERING CODE

C2V	04	22	**	A	*	*	00	2	2 = Serial No.
Series		Size		Coil		Version		Seat	
Emergency		Voltage		Variants					

**C2V** = Solenoid valve 3 way / 2 positions

**04** = 3/4 - 16 UNF

**22** = 22W (C36)

**NC** = Normally closed  
**NA** = Normally open

**A** = Ø 12.7 mm (standard)

**S** = Without emergency (NC)  
**E** = With emergency (NA - NC)

**00** = No variants  
**P3** = Rotary emerg.(..NA)  
**P4** = Push butt. emerg.(..NA)  
**E9** = Push butt. emerg.(..NA)

**FK** = With flying leads 600 mm (1)  
**AJ** = AMP Junior connection (1)  
**CX** = Deutsch connection with bidirectional diode

Connector to be ordered separately, see sect. 20

**DC 22W (C36)**

**L** = 12 VDC  
**M** = 24 VDC  
**N** = 48 VDC

**2** = 21.6 VDC RAC (2)  
**Z** = 102 VDC RAC (3)  
**X** = 205 VDC RAC (4)  
**W** = Without coil (5)

Coils technical data, see sect. 19

(1) Only voltages 12 VDC - 24 VDC

(2) With rectifier: 24 VAC/50-60Hz

(3) With rectifier: 115 VAC/50Hz - 120 VAC/60Hz

(4) With rectifier: 230 VAC/50Hz - 240 VAC/60Hz

(5) Performance are guaranteed only using valves completed with BFP coil