

XP.3... PROPORTIONAL PRESSURE CONTROL VALVES CETOP 3/NG6



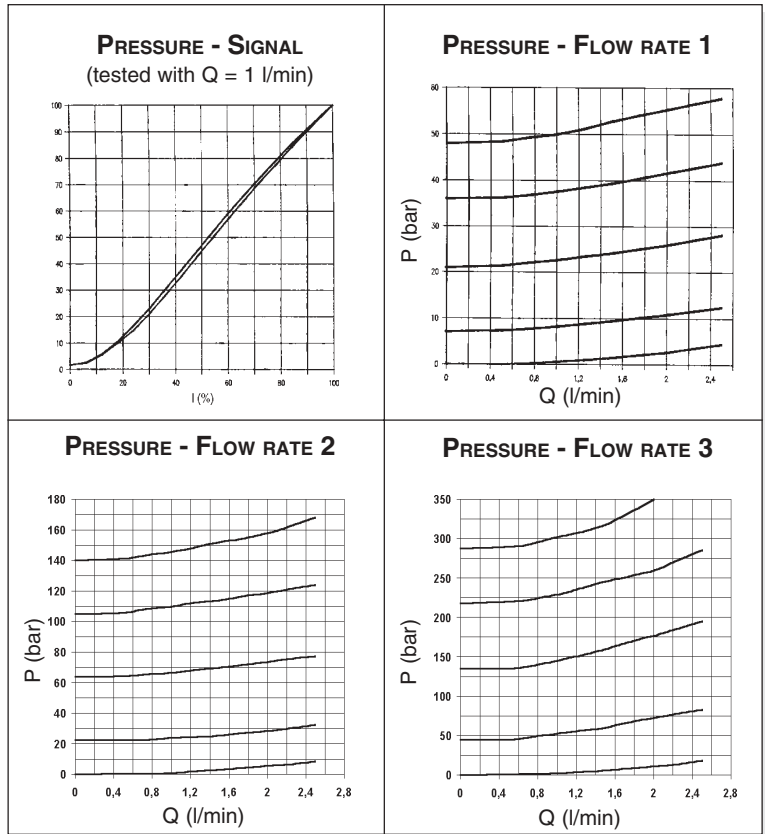
XP.3...

REM.S.RA... CH. IX PAGE 4

V.M.P... / V.M.L... / V.M.P.E... CH. II PAGE 6

Proportional maximum pressure valves type XP.3*.. are used to regulate a hydraulic circuit pressure by means of a variable electric signal. Their precise implementation allows for high and constant operational standard up to a maximum 2,5 l/min flow rate. A manually pressure limit setting version is also available, to protect the system from uncontrolled electrical signals.

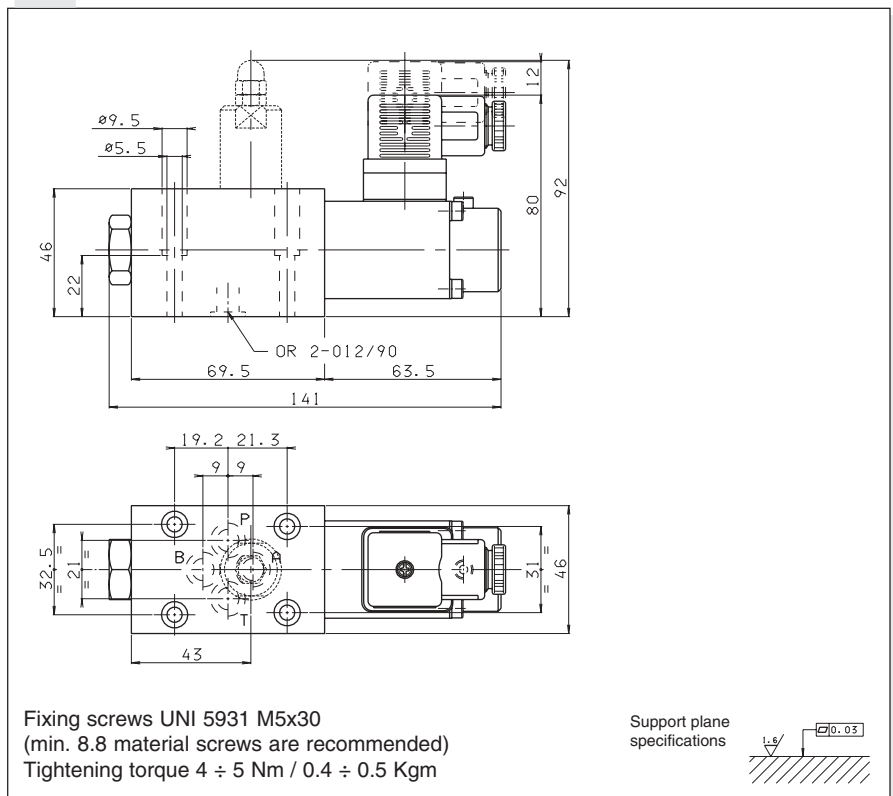
• Other valves (e.g. subplate or in-line mounted valves) should be ordered separately.



ORDERING CODE

- XP** Max. pressure valve
- 3** CETOP 3/NG6
- *** 1 = max. 50 bar
2 = max. 140 bar
3 = max. 320 bar
- *** E = with manual limiter
S = without manual limiter
- *** Voltage:
F = 12V DC
G = 24V DC
- **** 00 = No variant
V1 = Viton
- 1** Serial No.

OVERALL DIMENSIONS



Max. operating pressure (depending on the flow rate)	350 bar
Max. flow	2,5 l/min
Max. ambient temperature	50° C
Linearity	See diagrams
Max. hysteresis	<3% of nominal value
Repeatability error (between 150 and 680 mA)	<2%
Resistance at 20°C (24V)	24.6 Ohm
Resistance at 20°C (12V)	7.2 Ohm
Max. resistance (ambient 20°C) (24V) at op. temp.	31 Ohm
Max. resistance (ambient 20°C) (12V) at op. temp.	9 Ohm
Max. current at (24V)	0.68A
Max. current at (12V)	1.25A
Type of protection	IEC 144 class IP 65
Max. contamination level	class 8 in accordance with NAS 1638 with filter $\beta_{10} \geq 75$
Fluid temperature	-20°C÷75°C
Fluid viscosity	10÷500 mm ² /s
Weight	1,4 Kg

• Operating specifications are valid for fluids with 33 mm²/s at 50°C, using specified ARON electronic control units.

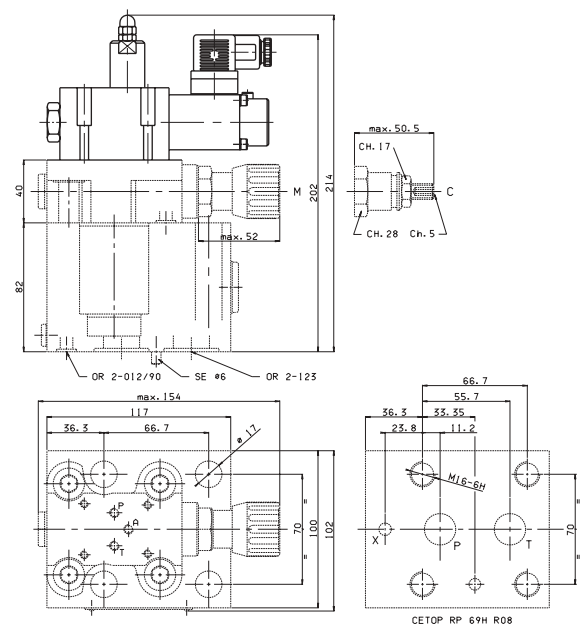
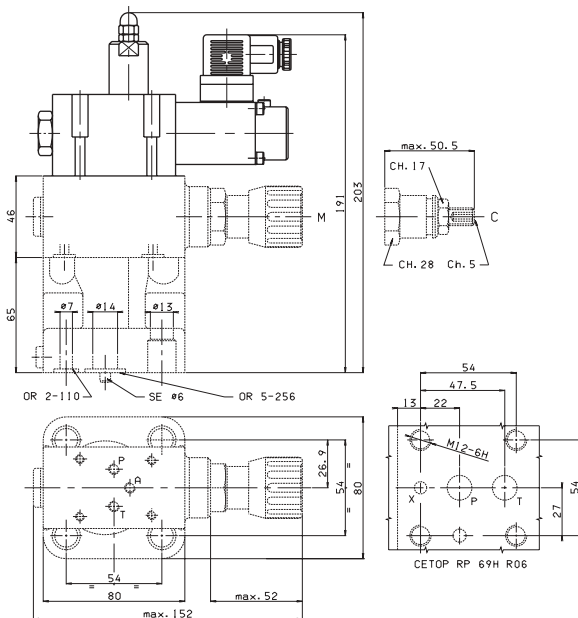
ELECTRONIC CONTROL UNITS

REM.S.RA.**

Card type control for single solenoid 12V and 24V

TYPICAL INSTALLATION XP.3... + VMP.E.16...

TYPICAL INSTALLATION XP.3... + VMP.E.25...



• WITH MOUNTING ON VMPE USE THE FOLLOWING CALIBRATED ORIFICES (SEE V.M.P.*.E VALVE AQ VARIANT)

VMP.E.16... A = Ø 1 mm
B = Ø 0,3 mm

VMP.E.25... A = Ø 1,2 mm
B = Ø 0,5 mm

