

XD2	
STANDARD CONNECTORS	Cap. I • 20
DC SOLENOID A09	Cap. I • 4
REMSRA	Cap. IX • 4
REMDRA	Cap. IX • 7
CEPS	Cap. IX • 2
AM3H	Cap. VIII • 15
BS32001	Cap. VII • 3

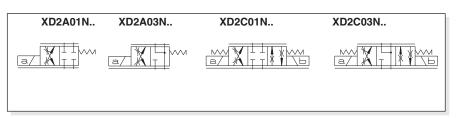
# XD2A... / XD2C... SOLENOID OPERATING PROPORTIONAL VALVES CETOP 2

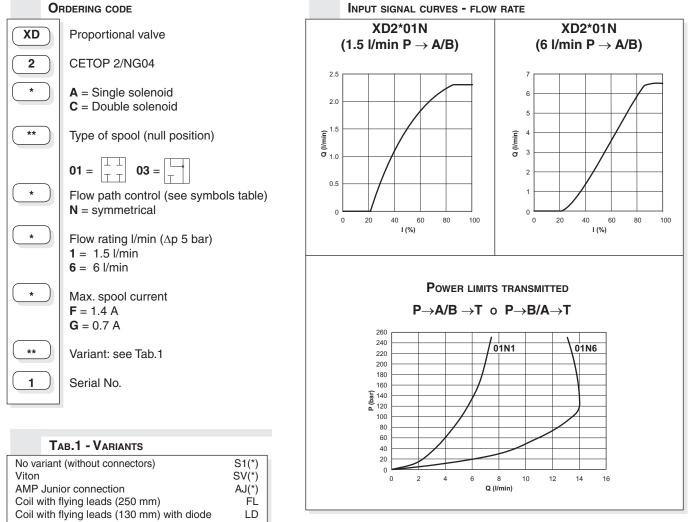
XD2A../XD2C.. series valves are used for controlling fluid direction and flow rate as a function of the supply current to the proportional control solenoid.

Any valve  $\Delta p$  variation causes a change in the set flow rate; however the valve itself ensure a high level internal compensation maintaining constant a regulated flow.

The XD2 cetop valve could be used for accurate proportional controls with compact sizes, reducing weights.

These valves can be also combined with Mini Powerpacks type MR/MC/FP creating compact solutions. Could be also used on a Cetop 3 interface using a reduction plate type BS32001.





The fluid used was a mineral oil with a viscosity of 46 mm<sup>2</sup>/s at 40°C. The tests have been carried out at with a fluid of 40°C.

Performances shown in this catalogue are guaranteed only using a pressure compensator of 5 bar.



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(\*) Coils with Hirschmann and AMP Junior connection supplied without connectors. The connectors can be ordered separately, Cap. I • 20.



### **OPERATING SPECIFICATIONS**

Max. operating pressure ports P/A/B	250 bar	ELECTRONIC CO
Max. operating pressure ports T - for dynamic pressure see Regulated flow rate Relative duty cycle	e note (*) 250 bar 1.5 / 6 l/min Continuous 100% ED	REMSRA** and I Card type control for Recommended d
Type of protection Flow rate gain Hysteresis with connection P/A/B/T ∆p = 5 bar (P/A) Fluid viscosity Fluid temperature Max. contamination level Weight XD.2.A (single solenoid) Weight XD.2.C (double solenoid)	IP 65 See diagrams ≤ 13% of max. flow rate 10 ÷ 500 mm <sup>2</sup> /s -20°C ÷ 75°C class 8 in accordance with NAS 1638 with filter $B_{10}$ ≥75 0.88 Kg 1.1 Kg	CEPS Electronic amplifi for single solenoid PWM frequency s
Max. current (voltage) Solenoid coil resistance at 25°C (77°F)	1.4A (a 12V) 0.7A (a 24V) 5.3 Ohm 21.3 Ohm	
(*) Pressure dynamic allowed for 500000 cycles		
• Operating specifications are valid for fluid with 46 mm	2/s viscosity at 40°C using	

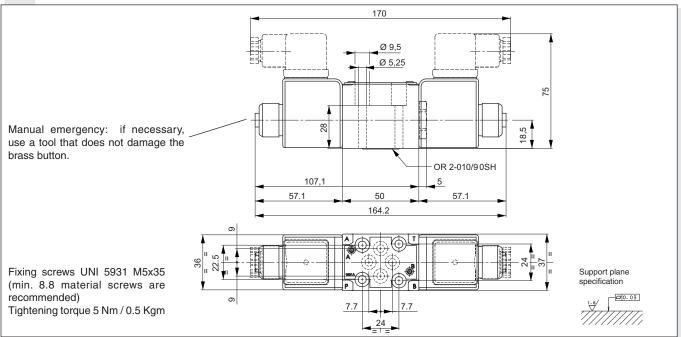
• Operating specifications are valid for fluid with 46 mm<sup>2</sup>/s viscosity at 40°C, using the specified electronic control units.

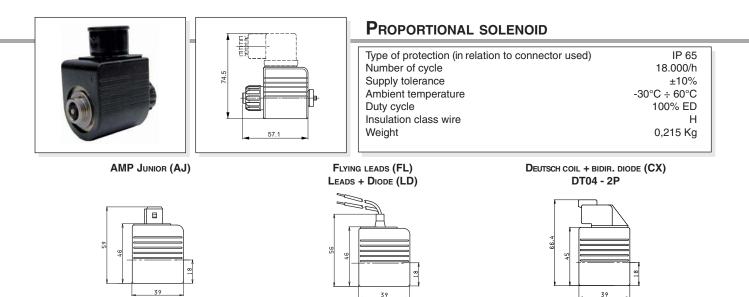
## ONTROL UNIT

## **REMDRA\*\*** for single and double solenoid. dither frequency 100 Hz.

fier plug version oid proportional valve (150Hz setting)

#### **OVERALL DIMENSIONS**









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