

Part number:

**HYDROMA**

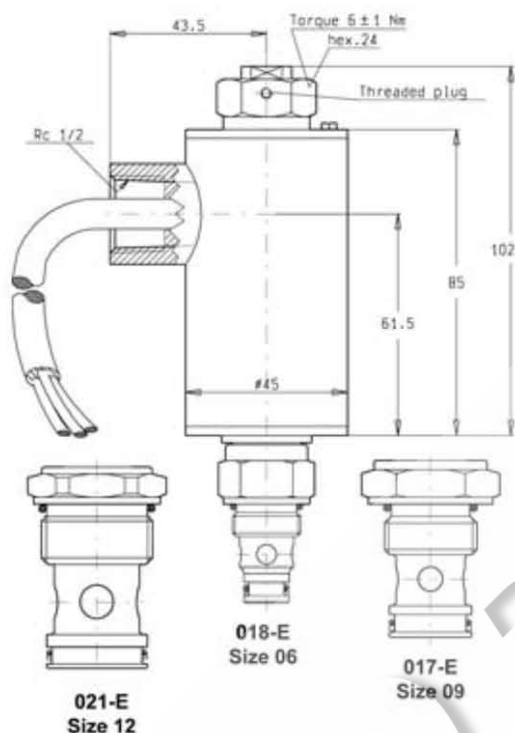
HYDRAULICKÉ SYSTÉMY

**HIDROMA  
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**HYDROMA**

ГИДРАВЛИЧЕСКИЕ СИСТЕМЫ

**SOLENOID OPERATED CARTRIDGE VALVES****POPPET 2-WAY WITH EXPLOSION-PROOF SOLENOID****VEI-EX SERIES****OD.15 - K - X - Y - Z****DESCRIPTION - FEATURES**

Explosion-proof solenoids can be fitted onto all 2-way pilot operated cartridges (size 06 - 09 -12). Pressure and flow performance of the valves remain unchanged from SERIES 8A cartridges.

- **EXPLOSION-PROOF PROTECTION** : EEx d IIC T6 according to CENELEC EN 50014 and EN 50018. Electrical construction approved and certified by CESI with conformity certificate CESI EX-90.C.077.
- **PROTECTION CLASS** : IP67 DIN 40050 - IEC 144
- **WORKING DUTY** : ED 100 % according to VDE 0580
- **Weight of the complete solenoid** : 1 kg
- **Electrical Connection** : solenoids are supplied with 3-wire cable with silicon-rubber protective covering. Cable length 1.5 m - Wire section area 1.5 mm<sup>2</sup>. Fixing of connectors to the threaded coil body (Rc 1/2 UNI-ISO 7/1) has to be made according to relevant CENELEC ex-proof specifications.
- **Earth Connection** : it has to be made through an internal or external earth-connection screw using a cable with minimum section area of 1.5 mm<sup>2</sup>.
- **Coil retaining nut** is an essential part of the explosion-proof construction and has to be tightened and locked through the threaded plug.
- **Label on coils** indicates nominal voltage, explosion-proof protection class, certification number by CESI and maximum power consumption.
- Different voltages are available on request
- Inlet voltage fluctuations must not exceed  $\pm 10\%$  to obtain correct operation and long life of coils.
- Coils cannot be ordered separately from the valves.
- **IMPORTANT** : All products shown in this page are not available from stock and not included in our standard price list. Please contact our Sales Department for any information.

K	SYMBOL OPTIONS	
	Y = 96 Normally Open	Y = 98 Normally Closed
05	/	Poppet 2-way
06	Poppet 2-way	/
31	/	Poppet 2-way Double Lock
32	Poppet 2-way Double Lock	/

X	CAVITY OPTIONS
18	Size 06
17	Size 09
21	Size 12

Z	Nominal Voltage	Resistance	Power	Current		Heat Rise $\Delta T$
	V	$\Omega$ Ta = 20 - 25 °C	W Cold Coil	Cold Coil	Hot Coil	°C 1 hour Energized at Nominal Voltage Ta = 20 - 25 °C
OB	12 DC	17.4	7	0.67	0.53	77
OC	24 DC	72	7	0.33	0.26	60