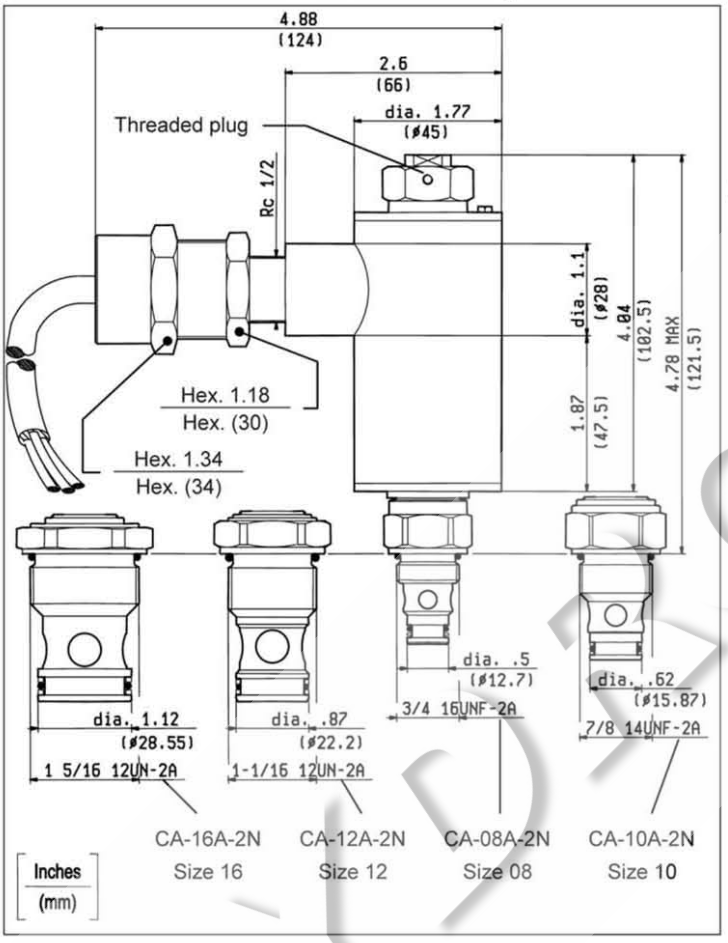
Part number:

HYDROMA HYDRAULICKÉ SYSTÉMY | HIDROMA SISTEMS UKŁADY HYDRAULICZNE | HYDROMA ГИДРАВЛИЧЕСКИЕ СИСТЕМЫ

SOLENOID OPERATED VALVES
POPPET 2-WAY WITH EXPLOSION-PROOF SOLENOID
COMMON CAVITY

VEI-EX SERIES (Ex) | **OD.15 - K - X - Y - Z**



DESCRIPTION - FEATURES

Explosion-proof solenoids can be fitted onto all 2-way pilot operated cartridges (size 08 - 10 - 12 - 16). Pressure and flow performance of the valves remain unchanged from SERIES 8A cartridges.

TECHNICAL DATA

EXPLOSION-PROOF PROTECTION :
- **EEx d IIC T6** according to CENELEC EN 50014 and EN 50018.
- ⟨Ex⟩ **II 2 G** according to ATEX 94/9/CE.

Electrical construction approved and certified by CESI with conformity certificate CESI 03 ATEX 212.

Protection **IP 67** — DIN 40050 Part 9

Working Duty **ED 100%** — DIN VDE 0580

Weight of the complete solenoid : **2.2 lbs (1 kg)**

Solenoids are supplied with 3-wire cable with silicon-rubber protective covering and threaded connector. Cable length 59.6 inches (1.5 m) - Wire section area 0.06 inches^2 (1.5 mm^2). Electrical connection to the coil has to be made according to relevant CENELEC and ATEX 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 0.06 inches^2 (1.5 mm^2).

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.

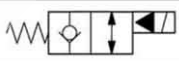
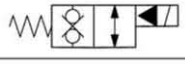
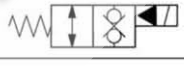
Ambient temperature range	-68 +104 °F	(-20 +40 °C)

Different voltages are available on request.

Inlet voltage fluctuations must not exceed ± 10% of nominal voltage 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	Y = 96 Normally Open	Y = 98 Normally Closed
05	/	
06		/
31	/	
32		/

Z	Voltage V	Resistance Ω (±7%)	Power W	Current A		ΔT °F (°C)
	Nominal	Ta = 68-77 °F (20-25 °C)	Cold Coil	Cold Coil	Hot Coil	1 hour energized Ta = 68-77 °F (20-25 °C) Nominal V
OB	12 DC	17.4	7	0.67	0.53	170.6 (77)
OC	24 DC	72	7	0.33	0.23	140 (60)

X	OPTIONS		
	cavity		
18	CA-08A-2N		
36	CA-10A-2N		
89	CA-12A-2N		
75	CA-16A-2N		