

UNIDIRECTIONAL VALVE, EXPLOSION-PROOF ACCORDING TO ATEX 94/9/CE



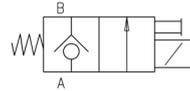
Characteristics

TYPE	PORT SIZE	MAX. FLOW	OPERATING PRESSURE	WEIGHT	STANDARD VOLTAGE	
VASX-**-38	3/8" BSP	40 l/min	Max. 320 Bar	Kg. 1.40	DC 12-24	Other voltages on request

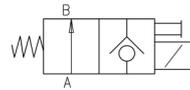
Description

Unidirectional pilot operated solenoid cartridge check valves. They allow perfect sealing in one direction and flow in the opposite one, when the solenoid is energized. ON-OFF electric control. These valves are suitable for safe application in explosion-hazardous situations. The solenoid is designed according to ATEX-94/9/CE, II-2-G group for surface plants with gas. The solenoid design contains the possible explosion caused by gas mixture presence inside the housing and limits the external temperature to prevent self ignition of the explosive present in the environment.

Symbol

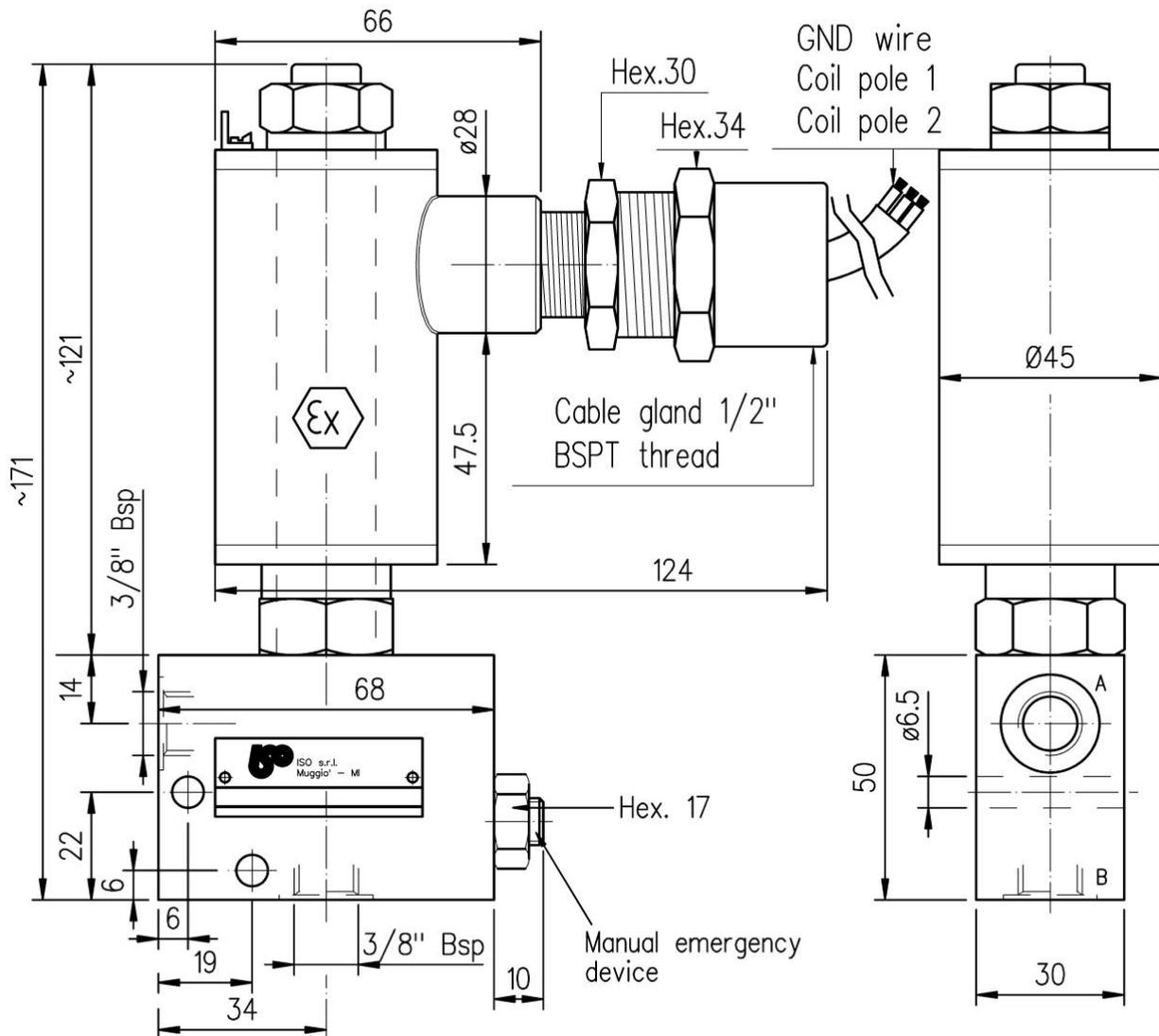


De-Energized	Energized
A ∇ B	A \rightarrow B
B \rightarrow A	B \rightarrow A



De-Energized	Energized
A \rightarrow B	A ∇ B
B \rightarrow A	B \rightarrow A

Dimensions



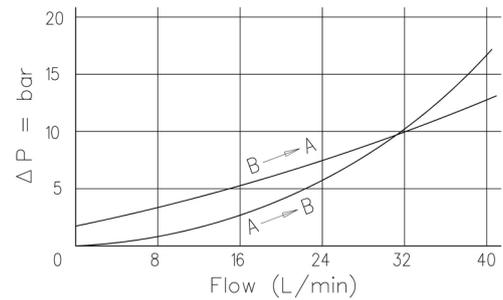
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Installation rules

- The valves type VASX can be mounted in any position
- Fluid to be used: hydraulic oil in compliance with DIN 51524 rules, viscosity between 30 and 100 mm²/s (cSt) at 40°C
- Recommended filtration: 25µ
- Hydraulic fluid temperature: from -20° to +75°C
- Feeding voltage tolerance around -10% +5%

Diagram



Electric characteristics

Protection class IEC 144 norms	IP-67 class H
Fire-retardant power supply cable L=1500 mm	CEI 20-22

Ordering code

