

CETOP-03 EXPLOSION-PROOF SOLENOID VALVE ACCORDING TO ATEX 94/9/CE



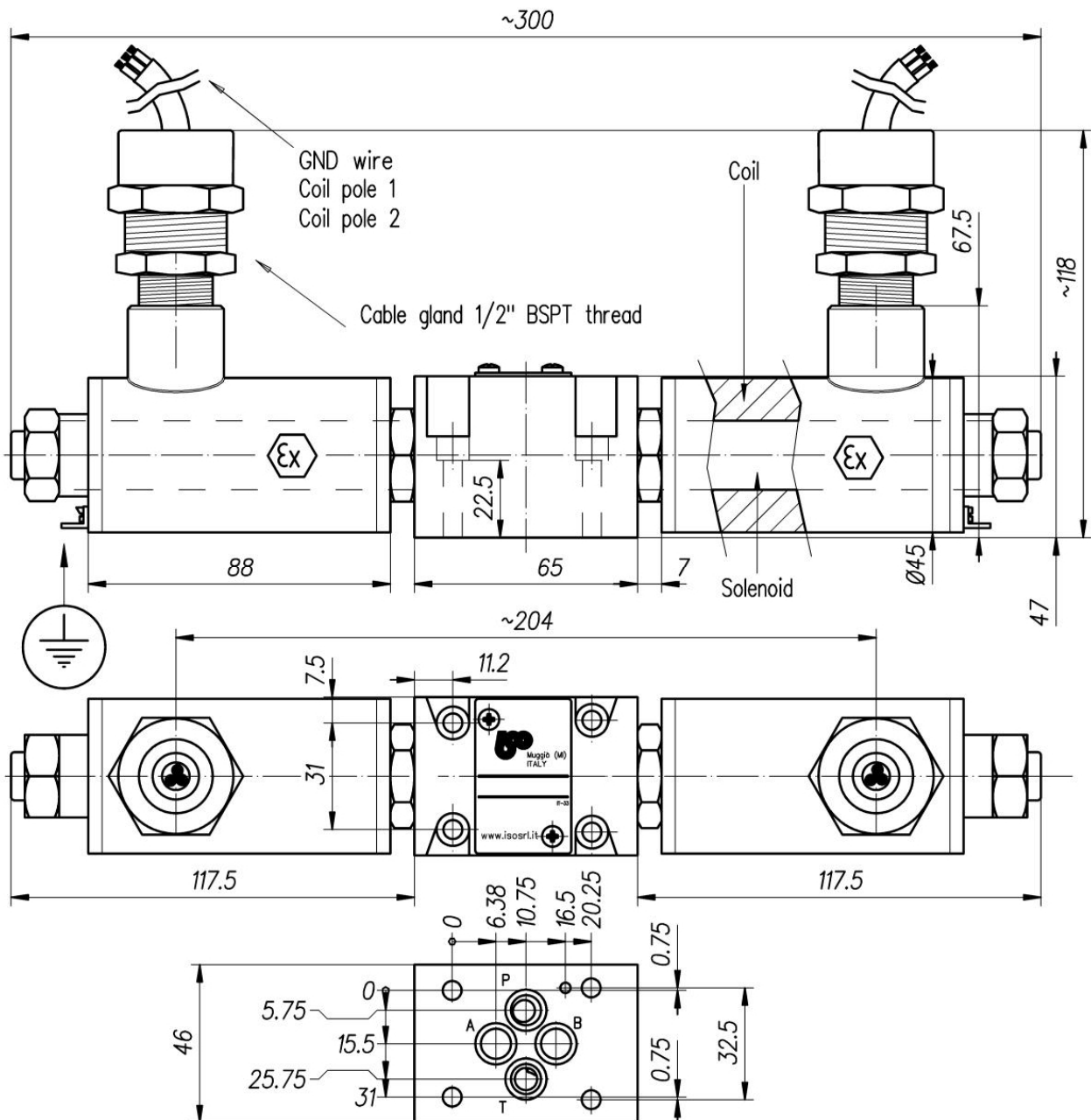
Characteristics

TYPE	MAX PRESSURE	RECOMMENDED MAX FLOW	WEIGHT
DED- 03/06	350 bar	50 l/min	2.5 Kg.
DED- 03/07			3.5 Kg.

Description

Cetop-03, direct operated solenoid valves certified according to ATEX 94/9/CE, suitable for safe application in explosion-hazardous situations. The protection refers to groups II-2G for surface plants with gas or vapours environments. The valve 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.

Dimensions



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Diagram

“A” TABLE

“B” TABLE

	Configuration	Type of spool	
0610		0	5
0630/2 0631/2		1	6
0751/2		3	7
071*		4	

Electrical characteristics

Protection class IEC 144 norms	IP-67 H class
Fire-retardant power supply cable L=3000 mm	CEI 20-22

Installation rules

- DED-03 solenoid valves can be mounted in any position.
- Fluid to be used: hydraulic oil in compliance with DIN 51524, viscosity between 30 and 100 mm²/s (cSt) at 40°C
- Recommended filtration: 25µ
- Hydraulic fluid temperature: from -20° to +75°C
- Ambient temperature: from -20° to +40°C

Ordering code

DED-03	-	*	-	*	-	*	24DC	*		
							Supply voltage:	110 DC	3 meters standard (other lengths on request : L1,5 = 1,5 m) (omitted if standard)	
								110/50 AC		
								220/50 AC		
							Type of spool (see table B)			
							Configuration (see table A)			
Explosion-proof solenoid valve										