



Explosion proof solenoid valve for a confident control under rough working environments

Features

- > Rugged aluminium or 316 stainless steel housings
- > Rotatable valve head for optimal mounting
- > Pipe to pipe mounting
- > Sil 3 rated according to IEC61508
- > Flameproof certified ATEX EX d IIC T6/T5
- > Flameproof certified also to IECEx and NEPSI

Specifications



Model	ESV-31	ESV-32
Operating Air Pressure	1.5 - 10 bar	
Air Supply (Max.)	15 bar	
Operating Voltage / Power	AC110V : 6.1VA / AC220V : 3.8VA / DC 24V : 3.4W	
Voltage Tolerance	10%	
Frequency	50Hz / 60Hz	
Explosion Proof Class	Ex d IIC T6 / T5, IP66	
Operating Ambient Temperature	T6 : -30 - +60 T5 : -30 - +80	
Flow Capacity(Cv)	0.9	
Mounting Configuration	Screw interface	
Pneumatic Connections	PT(Rc) 1/4 or NPT 1/4	
Electrical Connection	PF(G) 1/2 or NPT 1/2	
Coil Insulation Grade	Class F / Class H	
Operating type	Nomally - Closed	Nomally - Open
Duty Cycle	100%	
Valve body material	Aluminum die-cast or Stainless steel 316	
Coil housing material	Aluminum die-cast or Stainless steel 316	
Weight (Valve body / Coil housing)	Aluminum / Aluminum : 0.8 kg Aluminum / SS316 : 1.8 kg SS316 / SS316 : 2.1 kg	

Rotatable Valve Head

The ESV valve head can be rotated by 90° to the right or to the left for an optimal mounting as shown below

