



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

Features

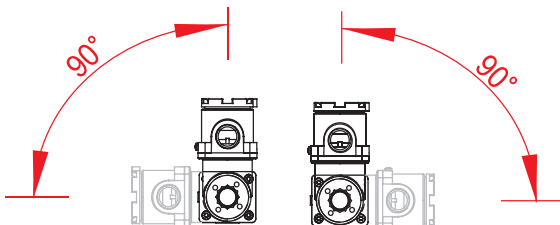
- ▶ Rugged aluminum die-cast housing or Stainless steel 316
- ▶ Rotaable valve head for optimal mounting
- ▶ Direct NAMUR mounting or screw mounting
- ▶ Usable up to SIL3 acc. to IEC 61508
- ▶ KC - certified flameproof Ex d IIC T6 / T5
- ▶ NEPSI - certified flameproof Ex d IIC T6 / T5
- ▶ IECEX - certified flameproof Ex d IIC T6 / T5
- ▶ ATEX - certified flameproof Ex d IIC T6 / T5

Specifications

Model	ESV-S	ESV-D
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	NAMUR or 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	Single coil	Dual coil
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 : 0.9 kg Aluminum / SS316 : 1.9 kg SS316 / SS316 : 2.3 kg	Aluminum / Aluminum : 1.4 kg Aluminum / SS316 : 2.5 kg SS316 / SS316 : 3.3 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



Mounting

