



Solenoid Valves

Series P22

GENERAL INFORMATION

Series P22 solenoid valve is based on NAMUR standard, can be adapted for 3/2 NC or 5/2 functions for controlling double-acting and single-acting pneumatic actuators. Armed with aluminum enclosure coil (FLAMEPROOF, Ex d IIC T6), this solenoid valve is excellent for use in hazardous area. Working pressure from 2bar to 8bar and the working voltage 12-48VDC, 110-240VAC.

FEATURES

- All the exhaust ports of this spool valve are connectable, providing better environmental protection
- The valves armed with "environmentally-protected structure" offer environmental protection against the ingress of liquids, dusts or other foreign matter.

SPOOL VALVE TECHNICAL DATA

Spool valve/Body	Extruded aluminum
Coating	Anodized coated, or Nickel coated in chemical
Seal	Buna N
Materials in contact with fluid	Aluminum, Glass-filled PA, POM, Buna N
Function	5/2 and 3/2 NC, Monostable CV=1.1(19.63mm ³), 1082 l/min
Air Ports	Air ports 1/4" BSPP or NPT
Assembly and connection	24x32 Namur, Manual override on body
Fasteners	Stainless steel
Environment	Indoor and outdoor
Medium Temperature	-25°C ~80°C
Working Pressure	2~8 bar
Working Medium	Less than 40um filtered and dried air
Bistable	Available on requiring
Working life	More than 1000,000 cycle (On the normal working condition)

COIL SPECIFICATION

Operating Voltage	12/24/48VDC-3.5W 110/210/220/240VAC-4VA(50/60HZ)
Coil Enclosure	Die-casting aluminum+Epoxy coated
Wiring Connector	M20-1.5 or 1/2"NPT, Terminal strip
Insulation voltage	1000V
Duty factor	100% ED
Weather Proof	IP66
Area Classification	Ex d IIC T6(Class 1, Division 1, Group ABCD)
Operating Temp.	-25°C ~60°C
Operating Temp.	-40°C ~ +85°C

