

Solenoid Valves

Servo-acting, Piston Control, High Pressure, Normally Closed
Type 4, 3/8" - 3/4"

APPLICATION

Servo-acting piston valves for control of high pressure media. A minimum of pressure drop is required to ensure satisfactory operation. Maximum pressure is 100 bar.

FEATURES

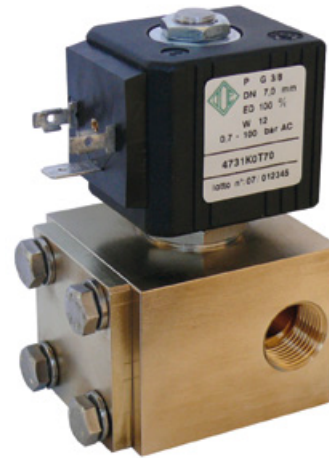
- Available in normally closed and normally open
- Coil replacement without exposing fluid

TYPES AVAILABLE

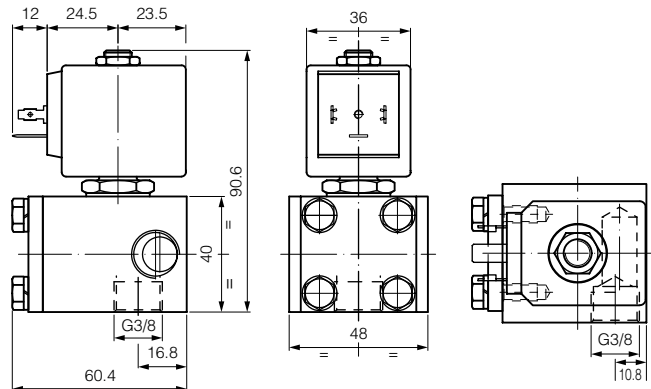
G^{3/8}" normally closed
G^{1/2}" normally closed and open
G^{3/4}" normally closed

TECHNICAL DATA

Ambient temp: -10°C to +80°C
Fluid temp: -40°C to +100°C
Viscosity: Max. 21 Cst. 3°E
Materials: Body: brass; inner parts: brass and stainless steel
Seal: PTFE, PBT, POM C
Coil voltage: See page 26
Duty cycle: 100% continuous rating
Protection class: IP 65 to DIN 40050 with correctly assembled connectors



DIMENSIONS (mm)



Code	Ports	A mm	B mm	C mm	F mm	G mm
4731K0T70	3/8"	90.6	40	42	60.4	48
4731K0T70	3/8"	90.6	40	48	60.4	48
4731K0T70	3/8"	90.6	40	54.5	60.4	48
4966K0Q120	1/2"	107.5	57.3	42	64	50
4966K0Q120	1/2"	107.5	57.3	48	64	50
4966Z0Q120D	1/2"	107.5	57.3	42	64	50
4592MZU190	3/4"	122.5	75	54.5	89	52

FLOW & PRESSURE RATING CHART (bar)

Code	Ports	Orifice	Watt	Min	AC	DC	Kv*
4731K0T70	3/8"	7	8	0.7	90	40	0.84
4731K0T70	3/8"	7	12	0.7	100	90	0.84
4731K0T70	3/8"	7	14	0.7	100	100	0.84
4966K0Q120	1/2"	12	8	3	100	90	3.6
4966K0Q120	1/2"	12	12	3	100	100	3.6
4966Z0Q120D	1/2"	12	8	3	50	50	3.6
4592MZU190	3/4"	19	14	1	-	50	6.6

*Kv measured in m³/h water at 1 barΔP