

DESCRIPTION

2-Way Solenoid Valve – General Purpose
Low, Medium and High Pressure (0 to 1150 PSI)
Normally Closed – Direct Acting
Threaded connections from 1/8" to 1/2"

APPLICATION

Water – Air – Gas – Liquids – Low Viscosity Oils

- Compressors
- Bakery Ovens
- Fluid Dispensers
- Steam Equipment
- Vacuum System

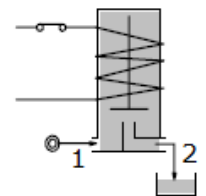
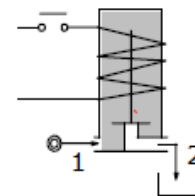
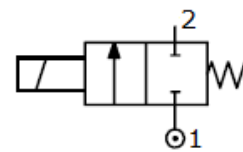
FEATURES

Maximum Allowable Pressure 1160 PSI
Direct piston action on Nitrile seal
Maximum Fluid Viscosity 25 cSt (mm2/s)
Ambient Temperature: with class F coil 14°F +131°F
with class H coil 14°F +176°F

NOTES

Mounting position is optional

OPTIONALS Surface Treatment in Chemical Nickel



| CODE | Connection NPT | Hole mm | KV m³/h | Differential Pressure PSI | | | Nominal Power | | | Coil | | Sealing | Temp. Field F° |
|-----------|----------------------------------|------------|------------|---------------------------------|------|------|---------------|--------------|-------------|------|-------|---|----------------------|
| | | | | Min | Max | | Start- up | VA Regime | DC Watts | Type | Width | | |
| | | | | | AC | DC | | | | | | | |
| R222-A1M | 1/8" = A | 1.5 | 0.07 | 0 | 1150 | 1150 | 40 | 30 | 27 | 5 | 36 | NBR=O 14 +194 EPDM=J <+284 FPM=K 14 +284 PTFE=H 6.8 +356 | |
| R222-A2M | | 2.5 | 0.15 | 0 | 505 | 475 | 40 | 30 | 27 | 5 | 36 | | |
| R222-A3M | | 3.5 | 0.32 | 0 | 290 | 275 | 40 | 30 | 27 | 5 | 36 | | |
| R222-A4M | | 4.5 | 0.41 | 0 | 200 | 185 | 40 | 30 | 27 | 5 | 36 | | |
| R222-..1M | 1/4" = B 3/8" = C 1/2" = D | 1.5 | 0.07 | 0 | 1150 | 1150 | 40 | 30 | 27 | 5 | 36 | | |
| R222-..2M | | 2.5 | 0.10 | 0 | 505 | 475 | 40 | 30 | 27 | 5 | 36 | | |
| R222-..3M | | 3.5 | 0.15 | 0 | 290 | 275 | 40 | 30 | 27 | 5 | 36 | | |
| R222-..4M | | 4.5 | 0.32 | 0 | 200 | 185 | 40 | 30 | 27 | 5 | 36 | | |
| R222-..5M | | 5.2 | 0.47 | 0 | 145 | 130 | 40 | 30 | 40 | 5 | 36 | | |
| R222-..6M | | 6.4 | 0.64 | 0 | 70 | 65 | 40 | 30 | 40 | 5 | 36 | | |

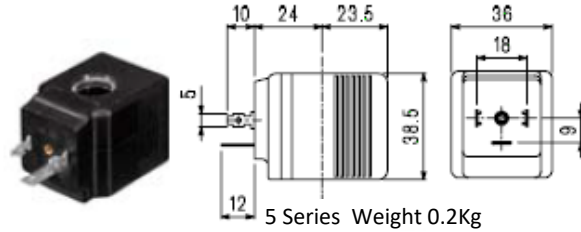
| Seat material | *Nitrile = O | EPDM = J | FPM = K | PTFE=H |
|-------------------|---|---------------------------------|---|-------------------------|
| Temperature Field | 14 to 194°F | 14 to 284°F | 14 to 284°F | 14 to 356°F |
| Applications | Water, air, light oils. Neutral gases. Kerosene. Low and medium vacuum. | Water vapor, hot water, acetone | Gasoline, naphtha, aromatics, benzene, etc. Hot gases. High vacuum. Diesel oil. | General use up to 356°F |

*Nitrile floating diaphragm.
Please contact your sales team for other seat materials.

| COIL | Direct Current Voltage | | Alternating Current 60/80Hz Voltage | | Electrical Connector | Connector |
|---------------------|------------------------|-----------|-------------------------------------|-----------|----------------------|--------------------------|
| | 12 | 24 | 110 | 220 | | |
| Type 52 Width 36 | B52H-COIL | B52W-COIL | B52Z-COIL | B52Y-COIL | DIN 43650A | PG11 code 10349060 |

DESCRIPTION
Insulation Class
Series 5=F
Voltage Tolerance
AC +15% - 10%
DC +/- 10%
IP65 with Mounted Connector
ED100%

OPTIONAL
Insulation Class H
Special voltage/power

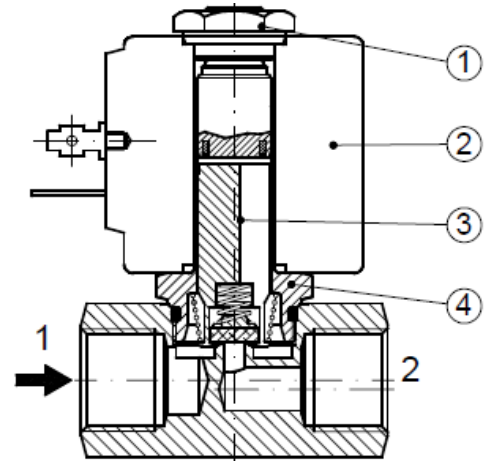


PARTS LIST

1. Coil Fixing Thread
2. Coil
3. Moving Core
4. Solenoid Assembly

CONSTRUCTION

Body Brass
Guide Tube Brass
Mobile and Fixed Core Stainless Steel
Spring Stainless Steel
Seal NBR – FPM – EPDM – PTFE



DIMENSIONS

