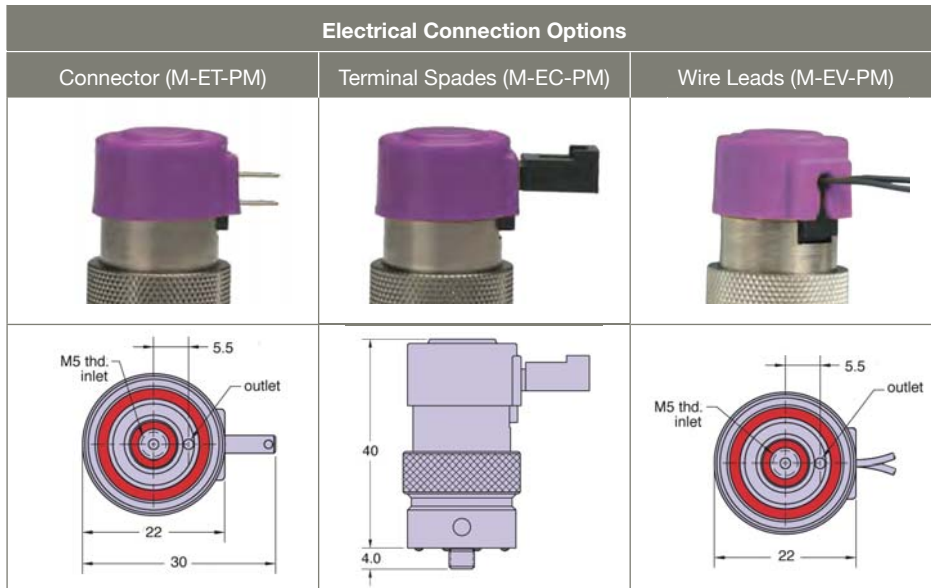


Electronic Valves – EVP Series Proportional Control Valves 37

Manifold Mount



Type:
2/2, Proportional

Medium:
Air or Inert Gases

Power Consumption:
1.9 watts at 23°C,
2.3 watts max.

Temperature Range:
0 to 50°C

Mounting:
Manifold

Ports:
M5

| Nominal Values at 23°C | | | Max. Voltage |
|------------------------|----------------|-------------------|----------------|
| Voltage (vdc) | Current (amps) | Resistance (ohms) | Required (vdc) |
| 0-5 | 0-0.370 | 13.5 | 6.2 |
| 0-10 | 0-0.185 | 54 | 12.4 |
| 0-20 | 0-0.092 | 218 | 24.8 |

Do not exceed input current range.

The EVP Proportional Valve can be calibrated for pressures less than the maximum shown on the graph from page 29. Lower pressures may be substituted, and will be used for calibration. The pressures shown are standard options. For pressures less than 0.4 bar, please consult factory.

| Numbering System | | | | | | | | | | | | |
|------------------|--|-----------|---|--|--|--|---|-----------|---|-----------|---|----------|
| Base | Electrical Connection | Mount | Voltages * | Orifice Code | Pressure Max. | Seals Options | | | | | | |
| M | EC - Connector ET - Terminal Spades EV - Wire Leads | PM | 05 - 0-5 VDC 10 - 0-10 VDC 20 - 0-20 VDC | 09 = 0.2 mm 13 = 0.3 mm 25 = 0.6 mm 40 = 1.0 mm 60 = 1.5 mm | 15 = 1 bar 30 = 2 bar 45 = 3 bar 50 = 3.5 bar 60 = 4 bar 75 = 5 bar 90 = 6 bar A0 = 7 bar | Blank - none E - EPDM Seals V - FKM Seals | | | | | | |
| M | - | EC | - | PM | - | 10 | - | 25 | - | 50 | - | V |

* Consult factory for availability of Non-Standard Voltages and other Options.
For Cable and Connectors, see Page 25.