



HV throttling pendulum valve, RS-232 controller

DN 250 JIS, RS232 controller, hard anodized finish, 24 V DC (±5 %)

Part number: TPVQPBG-F129



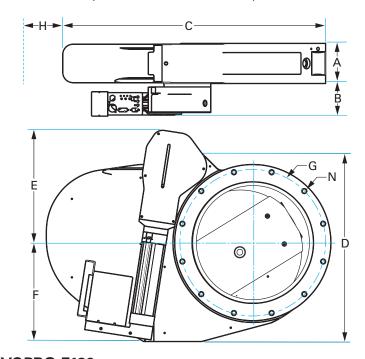


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- Adaptive algorithm for improved stability and faster transitions
- Space saving, low cost design
- High reliability, low particle generation
- Can be operated in any orientation
- Body can be heated up to 120°C with optional heater jackets
- CE marked/fully REACH and RoHS compliant



Similar Image



TPVQPBG-F129

| Parameters | Specifications |
|--------------------------------|--|
| Valve / Flange Size | DN 250 JIS |
| Communications Interface | RS232 |
| Finish | Hard Anodized |
| Additional Controller Features | Gauge Supply & Power Fail Option |
| Flange Size / Type | DN 250 JIS |
| Controller Communications | RS232 system interface; RS232 service port |
| Supply Voltage | 24 V DC (±5 %) |
| Power Connector | XLR, 5-pin, Female |
| Gauge Power Supply | ±15 V DC (±5%), 1.4 A max. |
| Power Fail Option | included |
| Pressure Range | 3.8 · 10 ⁻⁸ mbar to 1.1 bar |

| Dimensions (in inches) | |
|------------------------|--------|
| Dim A | 3.94" |
| Dim B | 3.54" |
| Dim C | 23.9" |
| Dim D | 18.0" |
| Dim E | 9.88" |
| Dim F | 10.4" |
| Dim G | 12.6" |
| Dim H | 8.46" |
| Bolt Hole Thread | M12 |
| Thread Depth | 0.472" |
| # Bolt Holes | 12 |

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| Parameters (Continued) | Specifications (Continued) |
|----------------------------|--|
| Max Differental at Opening | 32 mbar |
| Max Temp (body) | 150 °C |
| Temp. Limits (actuator) | 5 °C (minimum), 45 °C (maximum) |
| Open / Close Time | 3.3 s/2.8 s |
| Open Conductance | 22000 l/s |
| Min. Control Conductance | 0.1 l/s |
| Material (valve body) | A356 Aluminum, Hard anodized |
| Material (valve mechanism) | 304 Stainless & 6061-T6 Aluminum, Hard anodized |
| Gate Seal | FKM |
| Bonnet Seal | FKM |
| Leak Rate (body) | 1 · 10 ⁻⁹ mbar l/s |
| Leak Rate (gate) | 1 · 10 ⁻⁶ mbar l/s |
| Service Life | 1 million cycles |
| Weight | 62.48 lbs |

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