- 3/4" NPT
- Stainless Steel Body
  Type 316
- 3-Way Zero Differential
  Piloted Diaphragm
- Diverting

### Materials
- Orifice: Pilot Stainless Steel
- Main Stainless Steel Ø 3/4"
- Seals: Nitrile, Viton®, Ethylene Propylene

### Electrical
- Standard Housing: Encapsulated Waterproof Conduit (NEMA 4/4X)
- Optional Housings: Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
- Standard Voltages: 24, 120, 240 AC 60 Hz; 50 Hz available 6, 12, 24 DC;
  Contact GC Valves Customer Service for Additional Voltages.
- Voltage Tolerance: ±10% of applicable voltage
- Coil Classes: F, H, N
- Standard Lead Length: 24 inch

### Operating Temperature
- Ambient (Nominal): 32°F to 125°F

### Mounting
- Position: Any

### Approvals*
- Agency: UL Recognized, CSA Approved

* Not available for all variations

### Dimensions/Weight

| Weight (lbs.) | 6.0 |

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GC Valves Customer Service: 800-828-0484 (7:30am to 4pm ET) or 800-582-4232 (7:30am to 4pm PT)
**Valve Selection List**

### Diverting

#### Energized

![Energized Diagram](attachment:/energized_diagram.png)

#### De-Energized

![De-Energized Diagram](attachment:/de_energized_diagram.png)

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**Pipe Size** | **Orifice Size** | **NPT** | **CV** | **Operating Pressure Differential (psi)** | **Max Fluid Temp. (°F)** | **Power Consumption (Watts)** | **Model Code** |
---|---|---|---|---|---|---|---|
3/4 | 6.7 | 0 | 140 | 90 | 140 | 90 | 50* | 295 | EPR | 20 | 20 | M205GF02E7EG5
3/4 | 6.7 | 0 | 140 | 90 | 140 | 90 | 70 | 180 | Nitrile | 20 | 20 | M205GF02J7EG5
3/4 | 6.7 | 0 | 140 | 90 | 140 | 90 | 70 | 230 | Viton | 20 | 20 | M205GF02L7EG5
3/4 | 6.7 | 0 | — | — | — | — | — | 50* | 295 | EPR | 20 | — | M205GH02E7EG5

* Class H Coil Recommended for Steam and Other High Temperature Applications

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**Part Numbering**

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<th>3</th>
<th>4</th>
<th>5</th>
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<td>E</td>
<td>7</td>
<td>E</td>
<td>G</td>
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</table>

- **Series**: M20
- **Operating Mode**: 5: Diverting
- **Housing**: G: Conduit
- **Coil Class**: F: Class F
- **Voltage**: H: Class H
- **Seal Material**: E: EPR
- **Body Material**: J: Nitrile
- **Pipe Connection**: L: Viton
- **Orifice Size**: E: 3/4" NPT
- **Pipe Size**: G5: 3/4"

* See the “Engineering Guide” for additional voltages, variations and options.

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**Coil Data**

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<tr>
<th>Coil Family</th>
<th>Frequency (Hz)</th>
<th>Nominal Power (VA)</th>
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<th>Holding</th>
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</tbody>
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