

| FP | | 2" | |
|-----------------------|-------------|---|--|
| Category | Code | Group | Description |
| Standard | FP | Classic Deluge with Local Reset ⁽¹⁾ | Hydraulically Controlled with EasyLock |
| Sea or Brackish water | FS | | Electrically Controlled with EasyLock |
| Foam Concentrate | FC | | Electrically Controlled with 3/2 Local Reset Pilot |
| | | | Pneumatically Controlled with Local Reset Pilot |
| | | | Hydraulically Controlled Anti-Columning with Local Reset Pilot |
| | | Deluge Valve Remote Reset ⁽¹⁾ | Electro-Pneumatically Controlled with Local Reset Pilot |
| | | | Electrically Controlled Deluge Valve |
| | | Pressure Control Deluge ⁽²⁾ with Local Reset | Electro Pneumatically Controlled Deluge Valve |
| | | | Hydraulically Controlled |
| | | | Electrically Controlled |
| | | | Pneumatically Controlled |
| | | Pressure Control Deluge ⁽²⁾ On-Off | Electro Pneumatically Controlled |
| | | | Electrically Controlled On-Off |
| | | | Pneumatically Controlled On-Off |
| | | | Hydraulically Controlled On-Off |
| | | On-Off Deluge ⁽²⁾ | Electro-Pneumatically Controlled On-Off |
| | | | Electrically Controlled |
| | | | Electro-Pneumatically Controlled |
| | | Foam Concentrate ⁽²⁾ Remote control | Pneumatically Controlled |
| | | | Hydraulically Controlled |
| | | | Electrically Controlled |
| | | | Electro Pneumatically Controlled |
| | | Foam Concentrate Pressure Control | Pneumatically Controlled |
| | | | Hydraulically Controlled |
| | | | Electrically Controlled |
| | | Foam Concentrate Zero Pressure | Electro Pneumatically Controlled |
| | | | Pneumatically Controlled |
| | | | Hydraulically Controlled |

| Valve Size | |
|------------|--------|
| 1½" | 40 mm |
| 2" | 50 mm |
| 3" | 80 mm |
| 4" | 100 mm |
| 6" | 150 mm |
| 8" | 200 mm |
| 10" | 250 mm |
| 12" | 300 mm |
| 14" | 350 mm |
| 16" | 400 mm |

BERMAD Fire Protection Ordering Guide





| Category | Code |
|-----------------------|------|
| Standard | FP |
| Sea or Brackish water | FS |
| Foam Concentrate | FC |

| Valve Size | |
|------------|--------|
| 1½" | 40 mm |
| 2" | 50 mm |
| 3" | 80 mm |
| 4" | 100 mm |
| 6" | 150 mm |
| 8" | 200 mm |
| 10" | 250 mm |
| 12" | 300 mm |
| 14" | 350 mm |
| 16" | 400 mm |

| Group | Description | Model |
|---|---|--------------------------|
| Classic Deluge with Local Reset ^{(1), (2)} | Hydraulically Controlled with EasyLock | 400Y-1M |
| | Electrically Controlled with EasyLock | 400Y-2M |
| | Electrically Controlled with 3/2 Local Reset Pilot | 400Y-3UM |
| | Pneumatically Controlled with Local Reset Pilot | 400Y-4M |
| | Hydraulically Controlled Anti-Columning with Local Reset Pilot ⁽⁵⁾ | 400Y-5M |
| | Electro-Pneumatically Controlled with Local Reset Pilot | 400Y-6M |
| Deluge Valve Remote Reset ^{(1), (2)} | Electrically Controlled Deluge Valve | 400Y-3U |
| | Electro Pneumatically Controlled Deluge Valve | 400Y-6U |
| Pressure Control Deluge with Local Reset ⁽¹⁾ | Hydraulically Controlled | 400Y-1MC |
| | Electrically Controlled | 400Y-2MC |
| | Pneumatically Controlled | 400Y-4DC-H |
| | Electro Pneumatically Controlled | 400Y-6DC-H |
| Pressure Control Deluge On-Off ⁽¹⁾ | Electrically Controlled On-Off, 2-way Solenoid Valve | 400Y-2DC |
| | Electrically Controlled On-Off | 400Y-3DC |
| | Pneumatically Controlled On-Off | 400Y-4DC |
| | Hydraulically Controlled On-Off | 400Y-5DC |
| | Electro-Pneumatically Controlled On-Off | 400Y-6DC |
| On-Off Deluge ⁽¹⁾ | Electrically Controlled | 400Y-3D |
| | Electro-Pneumatically Controlled | 400Y-6D |
| | Pneumatically Controlled | 400Y-4D |
| | Hydraulically Controlled | 400Y-5D |
| Foam Concentrate Remote control ⁽¹⁾ | Electrically Controlled | 400Y-3U-N |
| | Electro Pneumatically Controlled | 400Y-6U-N |
| | Pneumatically Controlled | 400Y-4U-N |
| | Hydraulically Controlled | 400Y-5U-N |
| Foam Concentrate Pressure Control ⁽¹⁾ | Electrically Controlled | 400Y-3DC-N |
| | Electro Pneumatically Controlled | 400Y-6DC-N |
| | Pneumatically Controlled | 400Y-4DC-N |
| | Hydraulically Controlled | 400Y-5DC-N |
| Foam Concentrate Zero Pressure | Electrically Controlled | 700E-3X-BO-N |
| | Electro Pneumatically Controlled | 700E-6X-BO-N |
| | Pneumatically Controlled | 700E-4X-BO-N |
| | Hydraulically Controlled | 700E-5X-BO-N |
| Locally Operated | Locally Controlled Monitor/Deluge Valve | 400Y-11 |
| | Monitor/Deluge Valve ⁽¹⁾ | 400Y-1D |
| Pre-Action & Dry Pipe ^{(1), (2)} | Single Interlock Electric Release Pre-Action System | 400Y-7M |
| | Double Interlock Electric-Electric Release Pre-Action System | 400Y-7BM |
| | Double Interlock Electric-Pneumatic Release Pre-Action System | 400Y-7DM |
| | Dry Pipe Valve | 400Y-DP |
| Pressure Control Valves | Pressure Reducing Valve ^{(1), (4)} | 42T |
| | Pressure Control & Non-Return Valve ⁽¹⁾ | 42T-20 |
| | Pressure Reducing Valve ⁽⁹⁾ | 720-UL |
| | Pressure Relief Valve ^{(3), (4)} | 43T |
| | Fire Pump Suction Pressure Control Valve | 43T-PS |
| | Pressure Relief Valve ^{(9), (10)} | 730-UF |
| | Anti-Surge Pump Start Control Valve | 730-48-BL ⁽⁸⁾ |
| | Differential Pressure Control/Reducing | 42T-06 |
| | Differential Pressure Sustaining | 43T-06 |
| | Pressure Relief Valve with Electric Override | 43T-59 |
| Level Control | Altitude Pilot ⁽⁶⁾ | 450-82 |
| | Modulating Horizontal Float | 450-60 |
| | Bi-Level Electrical Float | 450-65 |
| | Vertical Float ⁽⁷⁾ | 450-66/67 |

Notes:

- (1) UL Listed for sizes 1½" - 16"
- (2) FM Approved for sizes 1½", 2", 3", 4", 6" & 8"
When provided with full trim (code "A" in Options)
- (3) UL Listed: 1½" - 10"
- (4) FM Approved: 1½" - 10"
- (5) Add Elevation code after the model:
"00" - for elevation below 10m/33ft
"M6" - for Max elevation 35m/115ft
"M7" - for Max elevation 70m/230ft
- (6) Add altitude pilot adjustment ranges after the model:
"M6" for 2-14 m (standard), "M5" for 5-22 m,
"M4" for 15-35 m and "M8" for 25-70
- (7) The model 450-66 is Bi-Level type.
The 450-67 is for reservoir "always full" application
- (8) Add "BL" suffix to the valve code
- (9) UL Listed for sizes 2", 2½", 3", 4", 6" & 8"
Refer to the catalog sheets for pressure ratings
- (10) FM Approved for sizes 2", 2½", 3", 4", 6" & 8"
Refer to the catalog sheets for pressure ratings

BERMAD Standard Configuration



| 06 | V | C | A5 | PR | 4DC | NN | 7P7K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|------|-------------------------------|----|-----------------------|----|-----------------------|----|---------------------------------|----|--|----------------------|------|-----------------|----------|------------|---|--------------------|------------------|------------------|------------------|---|------------------------------|------|---|----------|---------------------------|---|---------------------|---|-------------------|---|--|-----------------|------|-------------------------------|-----------|-------------------------------|----|-------------|----|-------------------------------|----|-------------|----|----------------------------|----|-------------------------------|----|-------------------------------|----|----------|----|-------------------------|----|---|----|---|----|--|--|------|--------------------------------|------------|--------------|-----|---------------------|-----|---------------|-----|---------------|-----|-------------------|-----|-------------------|-----|-------------------|-----|-------------------|-----|--|-------------------|------|---------------------------------------|-----------|-------|----|---|---------|------|--|-----------|--|----|----------|----|--|---------|------|---|---|---|----|--|----|------------------------------------|-----|---------------------------------------|------|---|-------|---|---|---|----|---|-----|--|---|--|----|--|----|-------------------------------------|---|--------------------|---|------------|----|-------------|----|------------------------------|---|---------------------------|---|------------------------------|----|----------------------|----|---|---|----------------|----|---------------|----|----------------------|---|----------------------------------|---|------------------------------------|----|--------------|---|---------------------|---|---------------------------|---|-------------------------------------|---|---------------------------------|---|--------------------|---|
| <table border="1"> <thead> <tr> <th>Option For Pressure Control Deluge valve</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Differential Pressure Sensing</td> <td>06</td> </tr> <tr> <td>Closing Speed control</td> <td>01</td> </tr> <tr> <td>Opening Speed control</td> <td>02</td> </tr> <tr> <td>Opening & Closing Speed control</td> <td>03</td> </tr> </tbody> </table> | Option For Pressure Control Deluge valve | Code | Differential Pressure Sensing | 06 | Closing Speed control | 01 | Opening Speed control | 02 | Opening & Closing Speed control | 03 | <table border="1"> <thead> <tr> <th>Installation/Pattern</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Vertical</td> <td>V</td> </tr> <tr> <td>Horizontal</td> <td>H</td> </tr> <tr> <td>Oblique (700 only)</td> <td>Y ⁽¹⁾</td> </tr> <tr> <td>Angle (700 only)</td> <td>A ⁽¹⁾</td> </tr> </tbody> </table> | Installation/Pattern | Code | Vertical | V | Horizontal | H | Oblique (700 only) | Y ⁽¹⁾ | Angle (700 only) | A ⁽¹⁾ | <table border="1"> <thead> <tr> <th>Body Material ⁽⁵⁾</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Ductile Iron (Standard) ⁽⁶⁾</td> <td>C</td> </tr> <tr> <td>Cast Steel ⁽⁶⁾</td> <td>S</td> </tr> <tr> <td>Stainless Steel 316</td> <td>N</td> </tr> <tr> <td>Nickel Al. 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(Standard) | 4DC | 24VDC - N.O. | 4DO | 24VDC - Magna Latch | 4DS | 110VDC - N.C. | 5DC | 110VDC - N.O. | 5DO | 110V/50-60 - N.C. | 5AC | 110V/50-60 - N.O. | 5AO | 220V/50-60 - N.C. | 2AC | 220V/50-60 - N.O. | 2AO | <table border="1"> <thead> <tr> <th>Tubing & Fittings</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Stainless Steel 316 (Standard)</td> <td>NN</td> </tr> <tr> <td>Monel</td> <td>MM</td> </tr> </tbody> </table> <p>For others consult BERMAD.</p> | Tubing & Fittings | Code | Stainless Steel 316 (Standard) | NN | Monel | MM | <table border="1"> <thead> <tr> <th>Coating</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Polyester Red (Standard) ⁽⁶⁾</td> <td>PR</td> </tr> <tr> <td>High Build Epoxy Red RAL 3002 ⁽⁶⁾</td> <td>ER</td> </tr> <tr> <td>Uncoated</td> <td>UC</td> </tr> </tbody> </table> | Coating | Code | Polyester Red (Standard) ⁽⁶⁾ | PR | High Build Epoxy Red RAL 3002 ⁽⁶⁾ | ER | Uncoated | UC | <table border="1"> <thead> <tr> <th>Options</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Pressure Switch, General Purpose ⁽³⁾</td> <td>P</td> </tr> <tr> <td>Ex Proof Pressure Switch ⁽³⁾</td> <td>P7</td> </tr> <tr> <td>Ex d ATEX Pressure Switch ⁽³⁾</td> <td>P9</td> </tr> <tr> <td>Ex d Pressure Switch, Monel Sensor</td> <td>P9m</td> </tr> <tr> <td>Ex d Pressure Switch, SS316 Enclosure</td> <td>P9Jn</td> </tr> <tr> <td>Ex d Pressure Switch, SS316 Enclosure, Monel Sensor</td> <td>P9mJn</td> </tr> <tr> <td>Single Limit Switch, General Purpose ⁽⁴⁾</td> <td>S</td> </tr> <tr> <td>Single Ex d Proximity Limit Switch ⁽⁴⁾</td> <td>S9</td> </tr> <tr> <td>Double Ex d Proximity Limit Switch ⁽⁴⁾</td> <td>SS9</td> </tr> <tr> <td>Pressure Gauge Assembly ⁽³⁾</td> <td>6</td> </tr> <tr> <td>S.S. Glycerin Pressure Gauge Assembly ⁽³⁾</td> <td>6n</td> </tr> <tr> <td>Monel Pressure Gauge Assembly ⁽³⁾</td> <td>6m</td> </tr> <tr> <td>Ex Proof NEC Class 1 Div.1 Solenoid</td> <td>7</td> </tr> <tr> <td>Ex d ATEX Solenoid</td> <td>9</td> </tr> <tr> <td>Drip Check</td> <td>DC</td> </tr> <tr> <td>Drain Valve</td> <td>DV</td> </tr> <tr> <td>Manual Emergency Release Box</td> <td>D</td> </tr> <tr> <td>Mechanical Latching Pilot</td> <td>H</td> </tr> <tr> <td>Mechanical Latching Solenoid</td> <td>H1</td> </tr> <tr> <td>Magna-Latch Solenoid</td> <td>H2</td> </tr> <tr> <td>Water Motor Alarm Assembly ⁽³⁾</td> <td>W</td> </tr> <tr> <td>EPDM Elastomer</td> <td>E1</td> </tr> <tr> <td>NBR Elastomer</td> <td>E3</td> </tr> <tr> <td>Large Control Filter</td> <td>F</td> </tr> <tr> <td>Valve Position Indicator, Linear</td> <td>I</td> </tr> <tr> <td>Valve Position Indicator, Rotating</td> <td>RI</td> </tr> <tr> <td>Junction Box</td> <td>J</td> </tr> <tr> <td>S.S. Solenoid Valve</td> <td>K</td> </tr> <tr> <td>S.S. 316 Trim Accessories</td> <td>N</td> </tr> <tr> <td>Pressure Transmitter ⁽³⁾</td> <td>Q</td> </tr> <tr> <td>Drain and Indicating Components</td> <td>A</td> </tr> <tr> <td>S.S. 316 Seat Ring</td> <td>T</td> </tr> </tbody> </table> | Options | Code | Pressure Switch, General Purpose ⁽³⁾ | P | Ex Proof Pressure Switch ⁽³⁾ | P7 | Ex d ATEX Pressure Switch ⁽³⁾ | P9 | Ex d Pressure Switch, Monel Sensor | P9m | Ex d Pressure Switch, SS316 Enclosure | P9Jn | Ex d Pressure Switch, SS316 Enclosure, Monel Sensor | P9mJn | Single Limit Switch, General Purpose ⁽⁴⁾ | S | Single Ex d Proximity Limit Switch ⁽⁴⁾ | S9 | Double Ex d Proximity Limit Switch ⁽⁴⁾ | SS9 | Pressure Gauge Assembly ⁽³⁾ | 6 | S.S. Glycerin Pressure Gauge Assembly ⁽³⁾ | 6n | Monel Pressure Gauge Assembly ⁽³⁾ | 6m | Ex Proof NEC Class 1 Div.1 Solenoid | 7 | Ex d ATEX Solenoid | 9 | Drip Check | DC | Drain Valve | DV | Manual Emergency Release Box | D | Mechanical Latching Pilot | H | Mechanical Latching Solenoid | H1 | Magna-Latch Solenoid | H2 | Water Motor Alarm Assembly ⁽³⁾ | W | EPDM Elastomer | E1 | NBR Elastomer | E3 | Large Control Filter | F | Valve Position Indicator, Linear | I | Valve Position Indicator, Rotating | RI | Junction Box | J | S.S. Solenoid Valve | K | S.S. 316 Trim Accessories | N | Pressure Transmitter ⁽³⁾ | Q | Drain and Indicating Components | A | S.S. 316 Seat Ring | T |
| Option For Pressure Control Deluge valve | Code | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Differential Pressure Sensing | 06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Closing Speed control | 01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Opening Speed control | 02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Opening & Closing Speed control | 03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Installation/Pattern | Code | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vertical | V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Horizontal | H | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Oblique (700 only) | Y ⁽¹⁾ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Angle (700 only) | A ⁽¹⁾ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Body Material ⁽⁵⁾ | Code | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ductile Iron (Standard) ⁽⁶⁾ | C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cast Steel ⁽⁶⁾ | S | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stainless Steel 316 | N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nickel Al. Bronze | U | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| End Connections | Code | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANSI #150RF (Standard) | A5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| ISO-PN25 ⁽¹⁾ | 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Grooved ANSI C606 235 psi (16 bar) ⁽²⁾ | VI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Voltage - Main Valve Position (When Solenoid De-Energized) | Code | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24VDC - N.C. (Standard) | 4DC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 24VDC - Magna Latch | 4DS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 110VDC - N.C. | 5DC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 110V/50-60 - N.C. | 5AC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Tubing & Fittings | Code | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stainless Steel 316 (Standard) | NN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Polyester Red (Standard) ⁽⁶⁾ | PR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| High Build Epoxy Red RAL 3002 ⁽⁶⁾ | ER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Pressure Switch, General Purpose ⁽³⁾ | P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Single Limit Switch, General Purpose ⁽⁴⁾ | S | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Single Ex d Proximity Limit Switch ⁽⁴⁾ | S9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Double Ex d Proximity Limit Switch ⁽⁴⁾ | SS9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pressure Gauge Assembly ⁽³⁾ | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S.S. Glycerin Pressure Gauge Assembly ⁽³⁾ | 6n | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Monel Pressure Gauge Assembly ⁽³⁾ | 6m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ex Proof NEC Class 1 Div.1 Solenoid | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ex d ATEX Solenoid | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Drip Check | DC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Drain Valve | DV | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Manual Emergency Release Box | D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mechanical Latching Pilot | H | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mechanical Latching Solenoid | H1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Magna-Latch Solenoid | H2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Water Motor Alarm Assembly ⁽³⁾ | W | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EPDM Elastomer | E1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NBR Elastomer | E3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Large Control Filter | F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Valve Position Indicator, Linear | I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Valve Position Indicator, Rotating | RI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Junction Box | J | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S.S. Solenoid Valve | K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S.S. 316 Trim Accessories | N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pressure Transmitter ⁽³⁾ | Q | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Drain and Indicating Components | A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S.S. 316 Seat Ring | T | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Notes:

- (1) 700 series only
- (2) Size 1½ to 8" only
- (3) Instrument supplied loose
- (4) Linear type, for Rotating Position Indicator or Switch Box add the letter "R" before the code e.g. RS, RS9, RSS9
- (5) Other materials available – consult BERMAD
- (6) Coated internally and externally
- (7) Serrated Finish (SF) Bronze/Steel alloys as per MSS-SP-6, applicable for Uncoated S.Steel, Ni.A.Bronze and other high alloys only

Separate Items & System Components

| Description | BERMAD Catalog Number |
|--|-----------------------|
| Water Motor Alarm Assy. (W) w/Strainer for Deluge/Preaction System | 9901240028 |
| AMD-74, Air Maintenance Device w/Regulator for External Pressure Supply (standard materials) | TEX0000003 |
| AMD-76, Air Maintenance Device Regulated By-Pass Pressure Supply (standard materials) | TEX0000009 |
| Manual Release Station Model-D w/S.S. 304 Box-Brass valve | 2920400093 |
| S.S. 316 Manual Release Station Model-DN w/S.S. 316 Box | 2920451093 |

BERMAD Standard Configuration



