

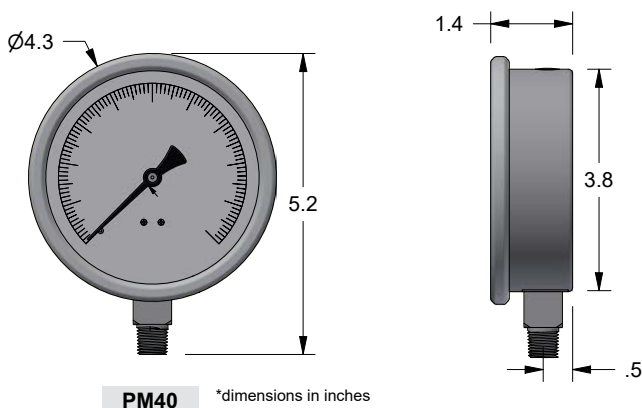
HEAVY-DUTY CRIMPED STAINLESS GAUGE

PRESSURE GAUGES

Reotemp's Series PM feature a stainless steel case, tube and socket, making the gauges resistant to corrosion from both environment and media. Liquid filling is recommended for severe service. The economical and attractive crimp ring design, along with a variety of convenient panel mounting adapters, make this popular gauge the right choice for many applications.




PM40







Fillable




Custom Logo



Dials



Accuracy



Diaphragm Seal
Compatible

FEATURES / BENEFITS

- All-Welded Stainless Steel Construction
- Field Fillable Case, Nema 4X/IP65
- Economical Crimped Gauge with Heavy Duty Case Design
- Ideal for Both Indoor and Outdoor Applications



SPECIFICATIONS

| | |
|---|---|
| Accuracy | ±1% ASME Grade A |
| Ambient Limits | -40°F/150°F |
| Process Limits | -40°F/250°F |
| Process Limits with Diaphragm Seal | Available with diaphragm seal, call to inquire. |
| Wetted Materials | Tube: 316SS Socket: 316SS |
| Lens | Polycarbonate (Standard), Tempered Glass, Laminated Safety Glass |
| Other Materials | Case: 304SS Ring: 304SS Dial: White Aluminum, Black Letters Case-to-Socket: Laser Welded |
| Fillable | Yes |
| Maximum Working Pressure | Stable = 100% Momentary = 130% of scale |
| Environmental Protection | NEMA 4X/IP65 |
| Weight | 4" = 0.8 lbs (1.4 lbs filled) |

HEAVY-DUTY CRIMPED STAINLESS GAUGE



Visit reotemp.com

- ✓ Check Stock
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- ✓ Configure Part #
- ✓ Download PDF Data Sheets

HOW TO ORDER: Choose options to build a part number. For example: **PM40C1A4P18-G-P-TS**

| PM40 | C | 1 | A | 4 | P18 | -G | -P | -TS |
|-----------|--------------------------------|---------------|--|--|--|---|---|--|
| DIAL SIZE | CASE TYPE | TUBE & SOCKET | MOUNT TYPE | CONNECTION | RANGE CODE | CASE FILL | LENS | OPTIONS |
| PM40 = 4" | C = 304SS Case w/ Crimped Ring | 1 = 316SS | A = Bottom B = Bottom/Rear Flange C = Center Back D = Center Back "U" Clamp E = Center Back/Front Flange | 4 = 1/4" NPT 2 = 1/2" NPT | <i>Common Ranges</i> P16 = 0-30 psi P17 = 0-60 psi P18 = 0-100 psi P19 = 0-160 psi P20 = 0-200 psi P21 = 0-300 psi P23 = 0-600 psi P25 = 0-1,000 psi <i>Available Ranges</i> ■ Gauge Pressure, Vacuum, or Compound ■ Vac to 10,000 psi <i>For Additional Range Codes See Page 75</i> | -D = Dry -G = Glycerin -W = Glycerin/Water (65/35) | -P = Plastic *-G = Glass | -TS = Stainless Steel Tag -HV = HiVis Dial -C3 = 3pt. Calibration -PM = Positive Material Identification <i>For Additional Options See Page 81</i> |

*Non-standard configuration

PRESSURE GAUGE OPTIONS

| Part # | Description | Heavy-Duty Industrial Gauges | | | | Process Gauges | | | Stainless Steel Case Industrial Gauges | | | |
|------------------------------|--|------------------------------|------|------|------|----------------|-------|------|--|---------|-------|-------|
| | | PR25 | PR35 | PR40 | PR60 | PT45P | PT45T | PI45 | PM25/40 | PM15/20 | PG**C | PG**S |
| CASE FILL OPTIONS | | | | | | | | | | | | |
| -G | Glycerin Filled Case | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | N/A | ✓ | ✓ | ✓ | ✓ |
| -W | Glycerin Water Filled Case (65/35) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | N/A | ✓ | ✓ | ✓ | ✓ |
| -S | Silicone Filled Case | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | N/A | ✓ | ✓ | ✓ | ✓ |
| -T | Teflon-coated Movement (No Case Fill) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | N/A | N/A | N/A |
| -I | Inert Case Fill | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | N/A | ✓ | N/A | N/A | N/A |
| LENS OPTIONS | | | | | | | | | | | | |
| -P | Plastic Lens | STD | ✓ | ✓ | ✓ | ✓ | ✓ | STD | STD | STD | STD | ✓ |
| -T | Tempered Safety Glass Lens | ✓ | STD | STD | STD | STD | STD | N/A | N/A | N/A | N/A | STD |
| -S | Laminated Safety Glass Lens | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | N/A | ✓ | N/A | N/A | ✓ |
| -G | Plain Glass | N/A | N/A | N/A | N/A | N/A | N/A | N/A | MQ | MQ | MQ | N/A |
| POINTER OPTIONS | | | | | | | | | | | | |
| -RP | Red Pointer | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | N/A | N/A | N/A |
| -MP | Min/Max Pointer (Drag Hand)† | ✓ | N/A | ✓ | ✓ | ✓ | ✓ | N/A | N/A | N/A | N/A | N/A |
| -MQ | Min/Max Pointer (Tamper-proof)† | ✓ | N/A | ✓ | ✓ | ✓ | ✓ | N/A | N/A | N/A | N/A | N/A |
| -RH | Red Set Hand (Manual Adjustment) | N/A | N/A | ✓ | ✓ | ✓ | ✓ | N/A | N/A | N/A | N/A | N/A |
| -EC | Electrical Contacts | N/A | N/A | ✓ | N/A | ✓ | N/A | N/A | N/A | N/A | N/A | N/A |
| DIAL OPTIONS | | | | | | | | | | | | |
| -CL | Custom Logo Dial | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | MQ | MQ | ✓ |
| -HV | Hi-Vis Dial | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| -CB | Color Band | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | MQ | MQ | ✓ |
| -CP | Color Pie | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | MQ | MQ | ✓ |
| -DM | Dial Marking | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | MQ | MQ | ✓ |
| -LP | Removable Lens Protector | N/A | N/A | N/A | N/A | ✓ | ✓ | ✓ | N/A | N/A | N/A | N/A |
| CALIBRATION OPTIONS | | | | | | | | | | | | |
| -R1 | Upgrade to 1% FS Accuracy | ✓ | ✓ | STD | STD | N/A | N/A | N/A | ✓ | N/A | N/A | ✓ |
| -R2 | Upgrade to 0.5% FS Accuracy | N/A | N/A | ✓ | ✓ | STD | STD | STD | N/A | N/A | N/A | N/A |
| -R5 | Upgrade to 1.5% FS Accuracy | ✓ | ✓ | N/A | N/A | N/A | N/A | N/A | ✓ | N/A | N/A | N/A |
| -C1 | 1pt. NIST Calibration Cert | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| -C3 | 3pt. NIST Calibration Cert | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| -C5 | 5pt. NIST Calibration Cert | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| -CX | 10pt. NIST Calibration Cert | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| -CS | Calibration Sticker (No logged pts.) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| TAG OPTION | | | | | | | | | | | | |
| -TS | Stainless Steel Tag (1-10 Characters) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| -TM | Stainless Steel Tag (11-80 characters) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| -TP | Paper Tag | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| CERTIFICATION OPTIONS | | | | | | | | | | | | |
| -CM | General Material Conformance | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| -NC | Certificate of NACE Compliance | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | N/A | N/A | N/A | N/A |
| -PM | Positive Material Identification Certificate (PMI) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| -HT | Hydrostatic Test per ASME B31.3 (5 min) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| -LC | Argon Leak Check Certificate | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| CLEANING OPTIONS | | | | | | | | | | | | |
| -DG | Degreased - Wiped Clean of Oils, Shipped in Sealed Bag | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | N/A | N/A | ✓ |
| -OX | Cleaned for Oxygen Service per ASME B40.1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | MQ | MQ | ✓ |
| -OY | Cleaned for Oxygen Service per MIL-STD-1330D | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | N/A | N/A | ✓ |
| OTHER OPTIONS | | | | | | | | | | | | |
| -NR | No Restrictor Screw | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | N/A | N/A | N/A |

| | | | |
|-----|--|-----|--|
| ✓ | Indicates that the option is available with the model. | N/A | Indicates the option is not available with this model. |
| STD | Indicates standard options with no additional cost. | MQ | Minimum order quantity applies. |

†This option is only available with a plastic lens.

PRESSURE GAUGE RANGES AND CODES

PRESSURE GAUGES

VACUUM/COMPOUND RANGES

| psi | | Dual Scale & psi & Metric | | | | | | Single Scale-Metric | | | | | |
|-----------|-----------|---------------------------|----------------|--------------------------|-------------------------------|-----------|--------------------|---------------------|----------|--------------------|-------------------------|------|--------------|
| "Hg/0/psi | | psi & bar | | psi & kg/cm ² | | psi & kPa | | bar | | kg/cm ² | | kPa | |
| Code | Range | Code | Range | Code | Range | Code | Range | Code | Range | Code | Range | Code | Range |
| P01 | -30"/Hg/0 | D01 | "Hg & -1/0 bar | G01 | "Hg & -1/0 kg/cm ² | L01 | "Hg & -100/0 kPa | B00 | -1/0 bar | K00 | -1/0 kg/cm ² | A00 | -100/0 kPa |
| P02 | -30/0/15 | D02 | psi & -1/0/1 | G02 | psi & -1/0/1 | L02 | psi & -100/0/100 | B01 | -1/0/1 | K01 | -1/0/1 | A01 | -100/0/100 |
| P03 | -30/0/30 | D03 | psi & -1/0/2 | G03 | psi & -1/0/2 | L03 | psi & -100/0/200 | B02 | -1/0/2 | K02 | -1/0/2 | A02 | -100/0/200 |
| P04 | -30/0/60 | D04 | psi & -1/0/4 | G04 | psi & -1/0/4 | L04 | psi & -100/0/400 | B04 | -1/0/4 | K04 | -1/0/4 | A04 | -100/0/400 |
| P05 | -30/0/100 | D05 | psi & -1/0/7 | G05 | psi & -1/0/7 | L05 | psi & -100/0/700 | B07 | -1/0/7 | K07 | -1/0/7 | A07 | -100/0/700 |
| P06 | -30/0/160 | D06 | psi & -1/0/11 | G06 | psi & -1/0/11 | L06 | psi & -100/0/1,100 | B011 | -1/0/11 | K011 | -1/0/11 | A011 | -100/0/1,100 |
| P07 | -30/0/200 | D07 | psi & -1/0/14 | G07 | psi & -1/0/14 | L07 | psi & -100/0/1,400 | B014 | -1/0/14 | K014 | -1/0/14 | A014 | -100/0/1,400 |
| P08 | -30/0/300 | D08 | psi & -1/0/20 | G08 | psi & -1/0/20 | L08 | psi & -100/0/2,000 | B020 | -1/0/20 | K020 | -1/0/20 | A020 | -100/0/2,000 |

PRESSURE RANGES

| psi | | Dual Scale & psi & Metric | | | | | | Single Scale-Metric | | | | | |
|------|----------|---------------------------|---------------|--------------------------|-----------------------------|-----------|-----------------|---------------------|---------|--------------------|------------------------|------|-----------|
| psi | | psi & bar | | psi & kg/cm ² | | psi & kPa | | bar | | kg/cm ² | | kPa | |
| Code | Range | Code | Range | Code | Range | Code | Range | Code | Range | Code | Range | Code | Range |
| P14 | 0-10 psi | D14 | psi & .7 bar | G14 | psi & .7 kg/cm ² | L14 | psi & 70 kPa | | | | | | |
| P15 | 0-15 | D15 | psi & 0-1 | G15 | psi & 0-1 | L15 | psi & 0-100 | B1 | 0-1 bar | K1 | 0-1 kg/cm ² | A1 | 0-100 kPa |
| P16 | 0-30 | D16 | psi & 0-2 | G16 | psi & 0-2 | L16 | psi & 0-200 | B2 | 0-2 | K2 | 0-2 | A2 | 0-200 |
| P17 | 0-60 | D17 | psi & 0-4 | G17 | psi & 0-4 | L17 | psi & 0-400 | B4 | 0-4 | K4 | 0-4 | A4 | 0-400 |
| P18 | 0-100 | D18 | psi & 0-7 | G18 | psi & 0-7 | L18 | psi & 0-700 | B7 | 0-7 | K7 | 0-7 | A7 | 0-700 |
| P19 | 0-160 | D19 | psi & 0-11 | G19 | psi & 0-11 | L19 | psi & 0-1,100 | B11 | 0-11 | K11 | 0-11 | A11 | 0-1,100 |
| P20 | 0-200 | D20 | psi & 0-14 | G20 | psi & 0-14 | L20 | psi & 0-1,400 | B14 | 0-14 | K14 | 0-14 | A14 | 0-1,400 |
| P21 | 0-300 | D21 | psi & 0-20 | G21 | psi & 0-20 | L21 | psi & 0-2,000 | B20 | 0-20 | K20 | 0-20 | A20 | 0-2,000 |
| P22 | 0-400 | D22 | psi & 0-28 | G22 | psi & 0-28 | L22 | psi & 0-2,800 | B28 | 0-28 | K28 | 0-28 | A28 | 0-2,800 |
| P23 | 0-600 | D23 | psi & 0-40 | G23 | psi & 0-40 | L23 | psi & 0-4,000 | B40 | 0-40 | K40 | 0-40 | A40 | 0-4,000 |
| P24 | 0-800 | D24 | psi & 0-55 | G24 | psi & 0-55 | L24 | psi & 0-5,500 | B55 | 0-55 | K55 | 0-55 | A55 | 0-5,500 |
| P25 | 0-1,000 | D25 | psi & 0-70 | G25 | psi & 0-70 | L25 | psi & 0-7,000 | B70 | 0-70 | K70 | 0-70 | A70 | 0-7,000 |
| P30 | 0-1,500 | D30 | psi & 0-100 | G30 | psi & 0-100 | L30 | psi & 0-10,000 | B100 | 0-100 | K100 | 0-100 | A100 | 0-10,000 |
| P31 | 0-2,000 | D31 | psi & 0-140 | G31 | psi & 0-140 | L31 | psi & 0-14,000 | B140 | 0-140 | K140 | 0-140 | A140 | 0-14,000 |
| P32 | 0-3,000 | D32 | psi & 0-200 | G32 | psi & 0-200 | L32 | psi & 0-20,000 | B200 | 0-200 | K200 | 0-200 | A200 | 0-20,000 |
| P33 | 0-4,000 | D33 | psi & 0-280 | G33 | psi & 0-280 | L33 | psi & 0-28,000 | B280 | 0-280 | K280 | 0-280 | A280 | 0-28,000 |
| P34 | 0-5,000 | D34 | psi & 0-350 | G34 | psi & 0-350 | L34 | psi & 0-35,000 | B350 | 0-350 | K350 | 0-350 | A350 | 0-35,000 |
| P35 | 0-6,000 | D35 | psi & 0-400 | G35 | psi & 0-400 | L35 | psi & 0-40,000 | B400 | 0-400 | K400 | 0-400 | A400 | 0-40,000 |
| P36 | 0-8,000 | D36 | psi & 0-550 | G36 | psi & 0-550 | L36 | psi & 0-55,000 | B550 | 0-550 | K550 | 0-550 | A550 | 0-55,000 |
| P37 | 0-10,000 | D37 | psi & 0-700 | G37 | psi & 0-700 | L37 | psi & 0-70,000 | B700 | 0-700 | K700 | 0-700 | A700 | 0-70,000 |
| P38 | 0-15,000 | D38 | psi & 0-1,000 | G38 | psi & 0-1,000 | L38 | psi & 0-100,000 | B1K | 0-1,000 | K1K | 0-1,000 | A1K | 0-100,000 |
| P39 | 0-20,000 | D39 | psi & 0-1,400 | G39 | psi & 0-1,400 | L39 | psi & 0-140,000 | | | | | | |
| P40 | 0-30,000 | D40 | psi & 0-2,000 | G40 | psi & 0-2,000 | L40 | psi & 0-200,000 | | | | | | |
| P41 | 0-40,000 | D41 | psi & 0-2,800 | G41 | psi & 0-2,800 | L41 | psi & 0-280,000 | | | | | | |
| P42 | 0-50,000 | D42 | psi & 0-3,500 | G42 | psi & 0-3,500 | L42 | psi & 0-350,000 | | | | | | |



Don't See The Range You Need? Reotemp has thousands of specialty dial ranges available and will work with you to create a custom range, just contact Reotemp customer service.