



1. Optional Hinged Case
2. Optional Flush Mounting Ring

Description & Features:

- Solid phenolic front and polypropylene pressure relief back safety case
- Field liquid-fillable (bottom connection only)
- ±0.5% accuracy
- Stainless steel full rotary movement for longer life
- Micrometer adjustable pointer for ease in calibration
- Under and overload stops
- 316L stainless steel, brass, Monel® wetted parts
- Restricted orifice standard on dual scale (optional on single scale)
- ASME B40.100 compliant
- CRN registered
- 5 year warranty

Applications:

- Ideally suited for process, chemical, petroleum and power industries
- Suitable for non-clogging corrosive media
- Used where operator safety is a requirement
- Processes where pulsation and vibration exist (with liquid filling)



Note: RoHS applies to SS and Monel® internals only

| Specifications | Stainless Steel Internals | Brass Internals |
|-----------------------------|--|--|
| Dial | 4.5" (115mm) white aluminum with black and red markings | 4.5" (115mm) white aluminum with black and red markings |
| Case | Black phenolic with pressure relief back, solid front, integral back flange | Black phenolic with pressure relief back, solid front, integral back flange |
| Solid Wall | Phenolic | Phenolic |
| Pressure Relief Back | Polypropylene | Polypropylene |
| Window | Polycarbonate | Polycarbonate |
| Ring | Phenolic | Phenolic |
| Pointer | Aluminum, anodized black, micrometer adjustable | Aluminum, anodized black, micrometer adjustable |
| Socket | 316L SS | OT 58 brass |
| Connection | 1/4" NPT or 1/2" NPT standard, bottom or back | 1/4" NPT or 1/2" NPT standard, bottom or back |
| Bourdon Tube | 316L SS, drawn seamless | Phosphor bronze |
| Movement | 304 SS with under and overload stops | 304 SS with under and overload stops |
| Gasket Materials | Silicone (Viton® option) | Silicone (Viton® option) |
| Welding | TIG | Silver alloy |
| Over-pressure Limit | 25% for pressures below 1,500 psi (10,341 kPa), 15% for pressures 1,500 psi to 8,700 psi (10,341 kPa to 59,984 kPa), 10% for pressures above 8,700 psi (59,984 kPa) | 25% for pressures below 1,500 psi (10,341 kPa), 15% for pressures 1,500 psi to 8,700 psi (10,341 kPa to 59,984 kPa), 10% for pressures above 8,700 psi (59,984 kPa) |
| Working Pressure | Maximum 75% of full scale value | Maximum 75% of full scale value |
| Ambient Temperature | Dry: -40°F to 250°F (-40°C to 120°C) Glycerin Filled: -4°F to 150°F (-20°C to 65°C) | Dry: -40°F to 250°F (-40°C to 120°C) Glycerin Filled: -4°F to 150°F (-20°C to 65°C) |
| Process Temperature | -40°F to 257°F (-40°C to 125°C) | -40°F to 150°F (-40°C to 65°C) |
| Accuracy | ±0.5% ANSI/ASME Grade 2A | ±0.5% ANSI/ASME Grade 2A |
| Enclosure Rating | IP65 | IP65 |

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Viton® is a registered trademark of DuPont Performance Elastomers

Single Scale Order Codes (products in bold are normally stock in North America)

| Connection | 1/4" Bottom | 1/4" Back (LB) | 1/2" Bottom | 1/2" Back (LB) |
|---------------|------------------|----------------|------------------|----------------|
| Socket, Tube | SS | | | |
| 30" Hg Vac | PPC5040R1 | PPC5340R1 | PPC5060R1 | PPC5460R1 |
| 30"/0/15 psi | PPC5130R1 | PPC5330R1 | PPC5140R1 | PPC5440R1 |
| 30"/0/30 psi | PPC5131R1 | PPC5331R1 | PPC5141R1 | PPC5441R1 |
| 30"/0/60 psi | PPC5132R1 | PPC5332R1 | PPC5142R1 | PPC5442R1 |
| 30"/0/100 psi | PPC5133R1 | PPC5333R1 | PPC5143R1 | PPC5443R1 |
| 30"/0/160 psi | PPC5134R1 | PPC5334R1 | PPC5144R1 | PPC5444R1 |
| 30"/0/200 psi | PPC5135R1 | PPC5335R1 | PPC5145R1 | PPC5445R1 |
| 30"/0/300 psi | PPC5136R1 | PPC5336R1 | PPC5146R1 | PPC5446R1 |
| 0/15 psi | PPC5041R1 | PPC5341R1 | PPC5061R1 | PPC5461R1 |
| 0/30 psi | PPC5042R1 | PPC5342R1 | PPC5062R1 | PPC5462R1 |
| 0/60 psi | PPC5043R1 | PPC5343R1 | PPC5063R1 | PPC5463R1 |
| 0/100 psi | PPC5044R1 | PPC5344R1 | PPC5064R1 | PPC5464R1 |
| 0/160 psi | PPC5045R1 | PPC5345R1 | PPC5065R1 | PPC5465R1 |
| 0/200 psi | PPC5046R1 | PPC5346R1 | PPC5066R1 | PPC5466R1 |
| 0/300 psi | PPC5047R1 | PPC5347R1 | PPC5067R1 | PPC5467R1 |
| 0/400 psi | PPC5048R1 | PPC5348R1 | PPC5068R1 | PPC5468R1 |
| 0/600 psi | PPC5049R1 | PPC5349R1 | PPC5069R1 | PPC5469R1 |
| 0/800 psi | PPC5058R1 | PPC5358R1 | PPC5078R1 | PPC5478R1 |
| 0/1,000 psi | PPC5050R1 | PPC5350R1 | PPC5070R1 | PPC5470R1 |
| 0/1,500 psi | PPC5051R1 | PPC5351R1 | PPC5071R1 | PPC5471R1 |
| 0/2,000 psi | PPC5052R1 | PPC5352R1 | PPC5072R1 | PPC5472R1 |
| 0/3,000 psi | PPC5053R1 | PPC5353R1 | PPC5073R1 | PPC5473R1 |
| 0/5,000 psi | PPC5054R1 | PPC5354R1 | PPC5074R1 | PPC5474R1 |
| 0/10,000 psi | PPC5055R1 | PPC5355R1 | PPC5075R1 | PPC5475R1 |
| 0/15,000 psi | PPC5056R1 | PPC5356R1 | PPC5076R1 | PPC5476R1 |
| 0/20,000 psi | PPC5057R1 | PPC5357R1 | PPC5077R1 | PPC5477R1 |

Note: Restrictor screws are not standard on single scale gauges

Other ranges and connection sizes available upon request. For scale change, refer to How to Order Guide for scale codes.

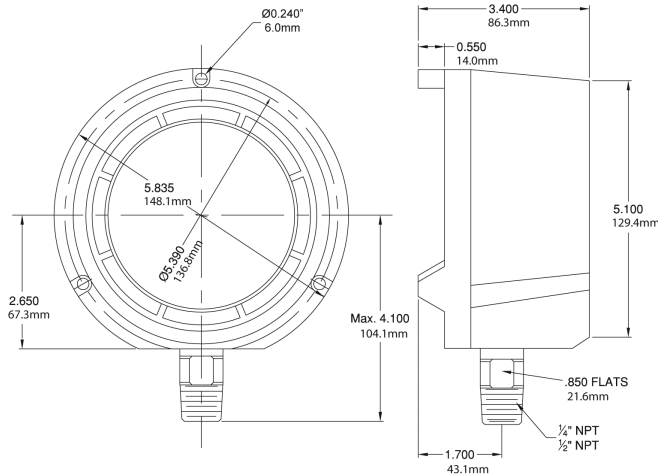
Option suffix:

- FMR = Flush mounting ring
- G = Glycerin (bottom connection only)
- GID = Glow-in-the-dark dial
- HCSF = Solid front hinged case (back connection only)
- MS = Monel® tube and socket
- SG-45 = Safety glass
- SF45 = Silicone fill (bottom connection only)
- REST = Restrictor Screw (psi only)

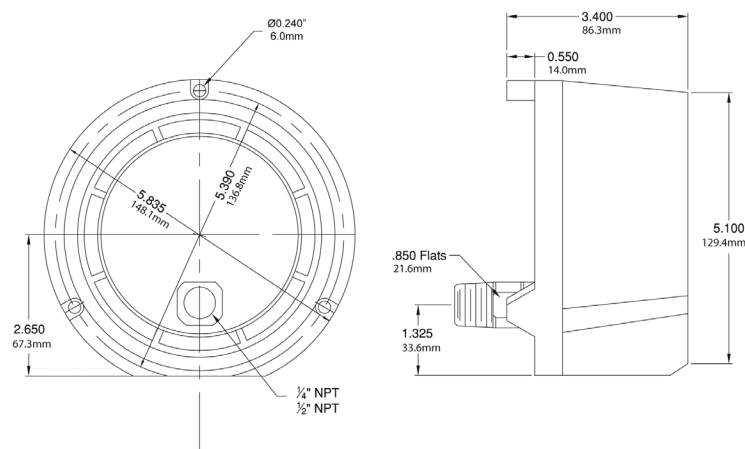
Dual Scale Order Codes (products in bold are normally stock in North America)

| Connection | 1/4" Bottom | 1/4" Back (LB) | 1/4" Bottom | 1/4" Back (LB) | 1/2" Bottom | 1/2" Back (LB) | 1/2" Bottom | 1/2" Back (LB) |
|-------------------|----------------|----------------|----------------|----------------|-------------|----------------|----------------|----------------|
| Socket, Tube | Brass | | SS | | Brass | | SS | |
| 30" Hg Vac/kPa | PPC5080 | PPC5280 | PPC5040 | PPC5340 | - | - | PPC5060 | PPC5460 |
| 30"/0/15 psi/kPa | PPC5120 | PPC5220 | PPC5130 | PPC5330 | - | - | PPC5140 | PPC5440 |
| 30"/0/30 psi/kPa | PPC5121 | PPC5221 | PPC5131 | PPC5331 | - | - | PPC5141 | PPC5441 |
| 30"/0/60 psi/kPa | PPC5122 | PPC5222 | PPC5132 | PPC5332 | - | - | PPC5142 | PPC5442 |
| 30"/0/100 psi/kPa | PPC5123 | PPC5223 | PPC5133 | PPC5333 | - | - | PPC5143 | PPC5443 |
| 30"/0/160 psi/kPa | PPC5124 | PPC5224 | PPC5134 | PPC5334 | - | - | PPC5144 | PPC5444 |
| 30"/0/200 psi/kPa | PPC5125 | PPC5225 | PPC5135 | PPC5335 | - | - | PPC5145 | PPC5445 |
| 30"/0/300 psi/kPa | PPC5126 | PPC5226 | PPC5136 | PPC5336 | - | - | PPC5146 | PPC5446 |
| 0/15 psi/kPa | PPC5081 | PPC5281 | PPC5041 | PPC5341 | - | - | PPC5061 | PPC5461 |
| 0/30 psi/kPa | PPC5082 | PPC5282 | PPC5042 | PPC5342 | - | - | PPC5062 | PPC5462 |
| 0/60 psi/kPa | PPC5083 | PPC5283 | PPC5043 | PPC5343 | - | - | PPC5063 | PPC5463 |
| 0/100 psi/kPa | PPC5084 | PPC5284 | PPC5044 | PPC5344 | - | - | PPC5064 | PPC5464 |
| 0/160 psi/kPa | PPC5085 | PPC5285 | PPC5045 | PPC5345 | - | - | PPC5065 | PPC5465 |
| 0/200 psi/kPa | PPC5086 | PPC5286 | PPC5046 | PPC5346 | - | - | PPC5066 | PPC5466 |
| 0/300 psi/kPa | PPC5087 | PPC5287 | PPC5047 | PPC5347 | - | - | PPC5067 | PPC5467 |
| 0/400 psi/kPa | PPC5088 | PPC5288 | PPC5048 | PPC5348 | - | - | PPC5068 | PPC5468 |
| 0/600 psi/kPa | PPC5089 | PPC5289 | PPC5049 | PPC5349 | - | - | PPC5069 | PPC5469 |
| 0/800 psi/kPa | PPC5099 | PPC5299 | PPC5058 | PPC5358 | PPC5188 | PPC5198 | PPC5078 | PPC5478 |
| 0/1,000 psi/kPa | PPC5098 | PPC5298 | PPC5050 | PPC5350 | PPC5090 | PPC5290 | PPC5070 | PPC5470 |
| 0/1,500 psi/kPa | - | - | PPC5051 | PPC5351 | PPC5091 | PPC5291 | PPC5071 | PPC5471 |
| 0/2,000 psi/kPa | - | - | PPC5052 | PPC5352 | PPC5092 | PPC5292 | PPC5072 | PPC5472 |
| 0/3,000 psi/kPa | - | - | PPC5053 | PPC5353 | PPC5093 | PPC5293 | PPC5073 | PPC5473 |
| 0/5,000 psi/kPa | - | - | PPC5054 | PPC5354 | PPC5094 | PPC5294 | PPC5074 | PPC5474 |
| 0/10,000 psi/kPa | - | - | PPC5055 | PPC5355 | PPC5095 | PPC5295 | PPC5075 | PPC5475 |
| 0/15,000 psi/kPa | - | - | PPC5056 | PPC5356 | PPC5096 | PPC5296 | PPC5076 | PPC5476 |
| 0/20,000 psi/kPa | - | - | PPC5057 | PPC5357 | PPC5097 | PPC5297 | PPC5077 | PPC5477 |

4.5" Bottom Connection



4.5" Back Connection



PRC Receiver Gauge



Description & Features:

- High quality gauge designed to work with a pneumatic transmitter or controller
- 3-15 psi with a variety of receiver ranges
- 316 stainless steel or brass wetted parts
- ASME B40.100 compliant
- CRN registered
- 5 year warranty

Applications:

- Works in conjunction with valves and transmitters to indicate changes in pressure, temperature, flow, level, or other measured proportional variables

Order Codes

| Connection | 1/4" Bottom | 1/4" Back | 1/4" Bottom | 1/4" Back |
|-----------------|-------------|------------|-------------|------------|
| Socket, Tube | Brass | | SS | |
| 3/15 psi/0-100% | PRC5081REC | PRC5281REC | PRC5041REC | PRC5341REC |
| 3/27 psi/0-100% | PRC5082REC | PRC5283REC | PRC5042REC | PRC5342REC |