

Melt Pressure Gauges Standard Sizes and Ranges

Mechanical Gauges

Part Number	Style	Pressure Range
PDG00104	6" Rigid Stem	0-5000
PDG00105	6" Rigid Stem	0-10000
PDG00102	6" Rigid/30" Armor Cable	0-5000
PDG00103	6" Rigid/30" Armor Cable	0-10000
PDG00106	6" Rigid/30" Armor Cable with J tc	0-5000
PDG00107	6" Rigid/30" Armor Cable with J tc	0-10000

Digital Readout Gauges

Part Number	Style	Pressure Range
PDG00501	6" Rigid Stem	0-5000
PDG00502	6" Rigid Stem	0-10000
PDG00503	6" Rigid/30" Armor Cable	0-5000
PDG00504	6" Rigid/30" Armor Cable	0-10000
PDG00505	6" Rigid/30" Armor Cable with J tc	0-5000
PDG00506	6" Rigid/30" Armor Cable with J tc	0-10000



Note: All standard flexible armor cable over the pressure sense capillary include a 6" rigid stem and 30" of flexible armor. If a type J thermocouple is specified, a standard size type J plug is provided, similar to the Melt Pressure Transducer shown on page 12-20.

Gauges have standard 1/2-20 UNF drill pattern; see page 12-21.

Ordering Code: **PDG** - ¹ ² ³ ⁴ ⁵

Model and Style BOX 1

- A1** = Mechanical, Rigid Stem
- A2** = Mechanical, Rigid + Flexible Armor Tubing
- A3** = Mechanical gauge with Type J Thermocouple
- B1** = Digital, Rigid Stem
- B2** = Digital, Rigid + Flexible Armor Tubing
- B3** = Digital Gauge with Type J Thermocouple

Stem Length BOX 3

- 1** = 6 inches (*Most Common*)
- 2** = 12.5 inches

Flex Length BOX 4

- 00** = None (*Styles A1 & B1*)
 - 30** = 30 Inches*
- *Other sizes can be made on special request.*

Pressure Range BOX 2

Mechanical

- | | |
|--------------------|------------------|
| PSI | Bar |
| A = 0-5000 | C = 0-350 |
| B = 0-10000 | D = 0-700 |

Digital - PSI

- | | |
|--------------------|-------------------|
| A = 0-500 | L = 0-35 |
| B = 0-750 | M = 0-50 |
| C = 0-1000 | N = 0-70 |
| D = 0-1500 | P = 0-100 |
| E = 0-3000 | Q = 0-200 |
| F = 0-5000 | R = 0-350 |
| G = 0-7500 | S = 0-500 |
| H = 0-10000 | T = 0-700 |
| J = 0-15000 | U = 0-1000 |

Diaphragms BOX 5

Standard Diaphragm Construction

A = Stainless Steel (.0045") with Armoloy coating (*Most Common*)

Optional Materials and Coatings

- | | |
|------------------------------------|---|
| B = 0.0045" Hastelloy® | E = 0.006" Inconel® with Titanium Aluminum Nitride |
| C = 0.008" Chromium Nickel | F = 0.0045" Titanium Nitride |
| D = 0.0045" Chromium Nickel | G = 0.008" Titanium Nitride |



Note: All digital gauges have one alarm and pressure retransmission.

Ordering Information

Melt Pressure Gauges are offered with the options listed in the worksheet above. Create an ordering code by filling in the boxes with the appropriate number and/or letter designation for your requirements and a part number will be assigned.

Part Numbers for commonly used Melt Pressure gauges can be found in table above.

Standard lead time is stock to 3 weeks.

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.