

Duragauge[®] Pressure Gauge

PIP #: DU-PI-19A

Applicable to:

DURAGAUGE[®] PRESSURE GAUGES FOR UNDERWATER APPLICATIONS

Ashcroft[®] Types 1279 and 1379 liquid filled Duragauge[®] pressure gauges with 4½" or 6" dial sizes have been tested to measure pressure underwater to depths to 2,250 feet.

To order a gauge for this application, the customer must specify the working depth of the gauge so that the pointer can be offset upscale. The pointer offset will be .445 psi per foot. To specify a gauge for underwater applications, specify the variation XUW. The gauge will be furnished solid filled with silicone (variation code XGV) and will also include a plastic window (variation code XPD). Since the variation XUW includes both XGV and XPD variations, there is no need to specify either of these variations when ordering the gauge.

The dial of the gauge will include the depth the gauge is suitable to measure pressure at (as specified when the original purchase order is placed.). For example, an underwater pipeline carries oil at 500 psi. The pipe is 300 feet below the surface. The pressure gauge is located on the pipe so a diver can read the process pressure. Although the water pressure is 133 psi (300 feet x 0.445 psi per foot), at this depth, the gauge reads correctly since it was calibrated accordingly.

See the current Duragauge Gauge Optional Features List Price Sheet for a price adder for the XUW variation.

This Product Information page supercedes DU-PI-19.