Installation Instructions

Prothermo NMT539 Gas-tight feed through Temperature
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1 Installation

This manual describes only installation procedures specific to Prothermo NMT539 gas-tight feed through process connection mounting. Additional documents have been supplied together with your Prothermo NMT539. Refer to these additional documents for complete installation and commissioning descriptions.

- Installation Instructions BA1025G
- Operating Instructions and Description of Instrument Function BA1026G
- Safety Instructions XA00002G

1.1 Design, Dimensions

1.2 Unpacking procedure

Note!
Do not bend or twist the flexible tube when unpacking Prothermo NMT539. Bending or twisting may damage the tube and/or enclosed temperature sensor elements.
1.3  Flexible tube procedure

**Note!**

Do not try to lift the sensor by a single point of the flexible tube. Damage may occur.

When coiling the flexible tube, please keep the diameter at least 1 meter (39.37") or more. When bending the flexible tube, the radius of curvature must be at least 500mm (19.96") at any location.

**Note!**

If a flexible tube is bent with a radius of curvature of less than 500mm (19.69"), the flexible tube or the measuring element may be seriously damaged or broken.
1.4 Mounting procedure

Unlike NMT539 with height-adjuster, the Gas-tight feed through process connection is welded and not height-adjustable. The figure below illustrates mounting on the tank process connection. Refer to the additional documents supplied together with Prothermo NMT539 for complete installation and commissioning descriptions.