



PROCESS
INDUSTRY
PRACTICES

REAFFIRMATION
October 2021

Process Control

PIP PCIPR100
Pressure Transmitter Installation Details

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PURPOSE AND USE OF PROCESS INDUSTRY PRACTICES

In an effort to minimize the cost of process industry facilities, this Practice has been prepared from the technical requirements in the existing standards of major industrial users, contractors, or standards organizations. By harmonizing these technical requirements into a single set of Practices, administrative, application, and engineering costs to both the purchaser and the manufacturer should be reduced. While this Practice is expected to incorporate the majority of requirements of most users, individual applications may involve requirements that will be appended to and take precedence over this Practice. Determinations concerning fitness for purpose and particular matters or application of the Practice to particular project or engineering situations should not be made solely on information contained in these materials. The use of trade names from time to time should not be viewed as an expression of preference but rather recognized as normal usage in the trade. Other brands having the same specifications are equally correct and may be substituted for those named. All Practices or guidelines are intended to be consistent with applicable laws and regulations including OSHA requirements. To the extent these Practices or guidelines should conflict with OSHA or other applicable laws or regulations, such laws or regulations must be followed. Consult an appropriate professional before applying or acting on any material contained in or suggested by the Practice.

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PUBLISHING HISTORY

April 1999	Issued as PCIPR000	October 2021	Reaffirmation
March 1999	Complete Revision & Renumbering		
April 2014	Technical Revision		

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PIP PCIPR100 Pressure Transmitter Installation Details

Table of Contents

1. Scope	2
2. References	2
Process Industry Practices	2

Drawings

- PCIPR101 – Pressure Transmitter Liquid or Steam Service
- PCIPR102 – Pressure Transmitter Liquid or Steam Service Electric Traced
- PCIPR103 – Pressure Transmitter Liquid or Steam Service Steam Traced
- PCIPR104 – Pressure Transmitter Gas Service
- PCIPR105 – Pressure Transmitter Steam Service with Blowdown

1. Scope

This Practice provides details for the installation of pressure transmitters in liquid, gas and steam services. This Practice contains installation details for pressure transmitters in liquid level service and includes details for electric or steam tracing of these installations. These details describe the base instrument installations. The bill of material provided with each detail is generic and is complementary to *PIP PCSIP001- Instrument Piping and Tubing Systems Specifications*.

2. References

Process Industry Practices (PIP)

- PIP PCSIP001 – *Instrument Piping and Tubing Systems Specifications*
- PIP PCIGN200 – *General Instrument Purge Details*
- PIP PCIGN300 – *General Instrument Accessory Details*