Levelpro LP200 PP, PVDF, In-Line Pressure Transmitter

Industry's Most Chemical Resistant Pressure Sensor

All Wetted PP, PVDF and Ceramic

The Levelpro LP200 was designed to Measure **Pressure** or **Level** within industry's most demanding Corrosive Process applications . When measuring pressure It can be mounted vertically or horizontally, and can easily be installed into any 3/4" NPT Process Pipe Tee Fitting. For Level measurement applications the LP200 can simply be mounted into the side of the tank utilising a 3/4" NPT bulkhead or weld-o-let fitting

Features

- PP, PVDF 316 SST Body
- Large Range : 0 - 225 Psi
- Output : 4-20mA -2 Wire Loop Powered
- ¾" NPT Connection
- Ceramic Sensing Diaphragm
- Plus & Play Design
- High Accuracy
- No Programming Required
- Temperature Compensated
- Tank Level Measurement

Typical Applications

- Chemicals (Acids + Bases)
- Tank Level
- Industrial Process Piping
- Vapor Pressure
- Leak Detection Equipment
- Environment Protection
- Scrubbers Filter or Strainer Notification
- Leachate Collection
- Weir Flow
- Scrubbers

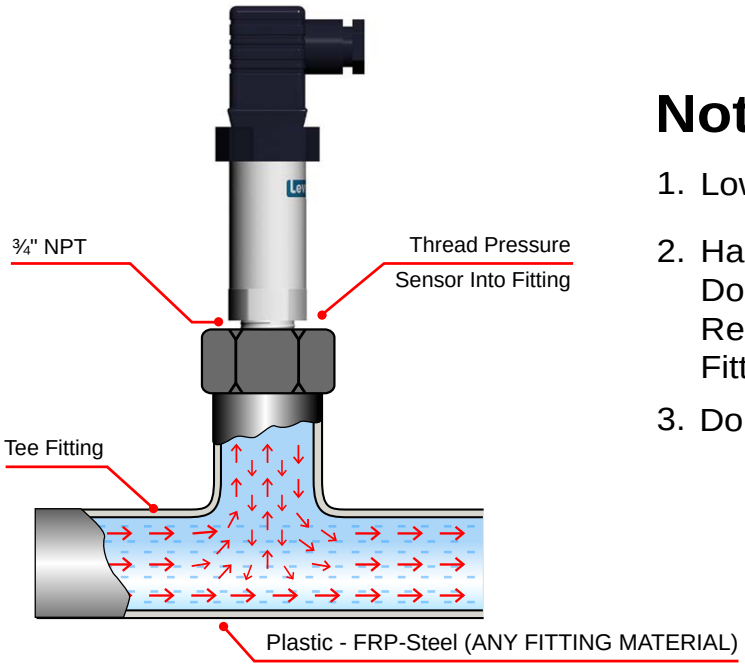
Technical Parameters

Range	0 - 225 Psi
Medium	Gas & Liquid
Accuracy	0.02% or 0.05% F.S
Working pressure	18~36V DC
Output signal	4~20mA (two-wire),
Medium temp	-30 ~ 85°C
Environment temp	-30 ~ 80°C
Store temp	-30 ~ 80°C
Temp. effect	±0.02% FS
Pressure connector	¾" NPT
Connection	DIN Hirschminn Connector,

Working Principle

The **LP200** implements a state of the art Ceramic measuring principle that changes the physical pressure which equates to no more than a few microns into a linear electronic signal that can be measured.
This minimal deformation equates to negligible material strain of the ceramic electronic pressure-sensing diaphragm resulting in high resistance to alternating loads and long-term durability. Exactly what is required for Tough Industrial Applications.

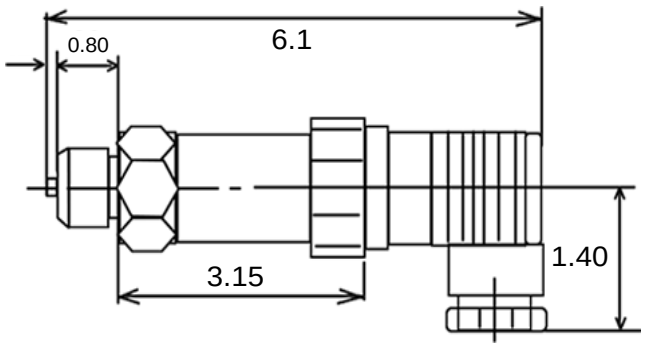
Process Connection



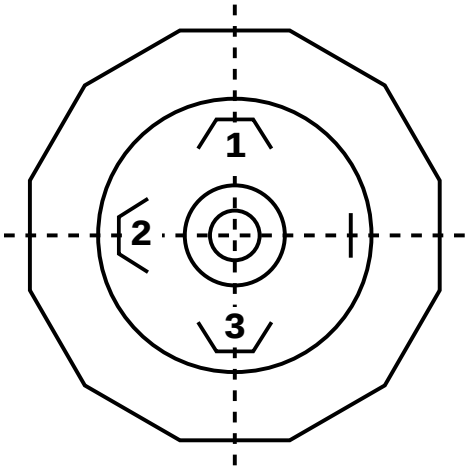
Note:

1. Lower the Sensor into the Fitting.
2. Hand Tighten on to the Sensor Fitting. Do Not Use a Tool or Wrench this May Result in Damage to the Sensor or Fitting.
3. Do Not Over Tighten

Figure Dimensions



Electrical Connections



LP200 Connections and Output Signal :

Two-wire :

1) Supply + (Red)
2) Signal + (Black)
3) Empty
4) Body (Shield)

LP200 Ordering Code

Item LP 200	Description Economy Pressure transmitter

Code	Pressure type
L	PP
T	PVDF

Code	Range
02	0 - 225 Psi

Code	Output
1	4-20mA

Code	Pressure connector
1	¾" NPT

Code	Connection
M	(DIN) Hirschminn Connector

Code	Connection
D	LED Display

LP200	G	04	1	1	M	M