

Truflo® — PRD Series

Digital LED Pressure Transmitter | Switch

ICON™ Corrosion-Free
PROCESS CONTROLS Instrumentation Equipment™



truflo®

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www.**itm**.com

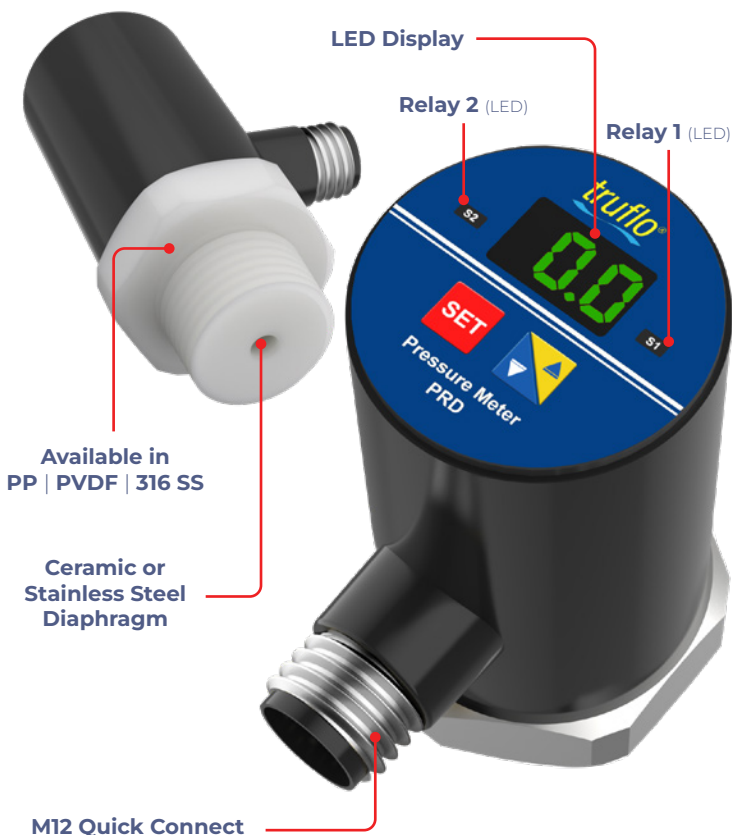
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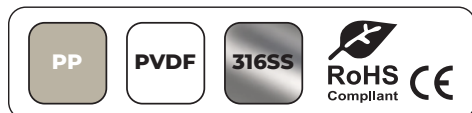
Digital LED Pressure Transmitter | Switch

ICON™ Corrosion-Free
PROCESS CONTROLS Instrumentation Equipment™

- ✓ High Accuracy
- ✓ LED Display
- ✓ Small Footprint | Perfect for OEM Skid Systems
- ✓ Alarm Outputs



LED Upset Condition Change



Features

- ✓ Miniature Size
- ✓ 4-20mA + 2 Relay Outputs
- ✓ LED Display | Visible in the Dark
- ✓ Psi | Bar | KPa | Kg/cm2 | in/wc

Protect your Equipment

The Truflo® PRD Series is an excellent choice, providing high accuracy and reliability. The PRD Series is truly unique when it comes to pressure measurement in corrosive environments.

PRD pressure transmitters are available in PP, PVDF & 316 SS and come equipped with a bright LED display that will change from green to red in any upset condition.

The PRD has a 4-20mA output + two (2) 3 amp, NPN or PNP relays.

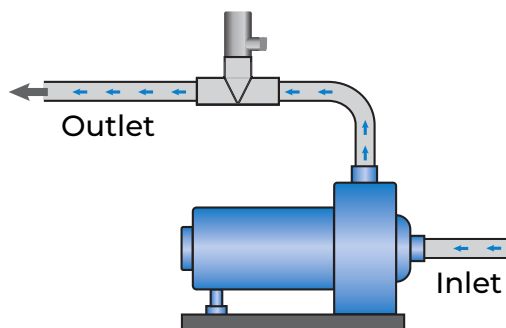
The Truflo® PRD pressure transmitters are the perfect solution for OEM Skid manufacturers because of their compact design.

Compact Design



Example

- ✓ Prevent Pumps from Running Dry
- ✓ Notification for Filter | Strainer Change-Out
- ✓ Output to Alarm | Shut Off Pump



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Technical Specifications

Mounting	Direct Mount Bottom Connection
Process Connection	½" MNPT (PP / PVDF) ¼" MNPT (316SS)
Power Supply	10-30 VDC
Accuracy	Normal Type : ± 1.0% F.S. Precision Type: ± 0.25% F.S.
Maximum Pressure @ Ambient Temperature	PP: 150Psi PVDF: 215Psi SS316L: 8700Psi
Overload Pressure	200% of Maximum Pressure Range
Burst Pressure	300% of Maximum Pressure Range
Output	4-20mA + Two (2) 3 amp Relays NPN PNP
Protection Class	IP64
Materials	PP PVDF 316 SS
Standards and Approvals	CE FCC RoHS Compliant

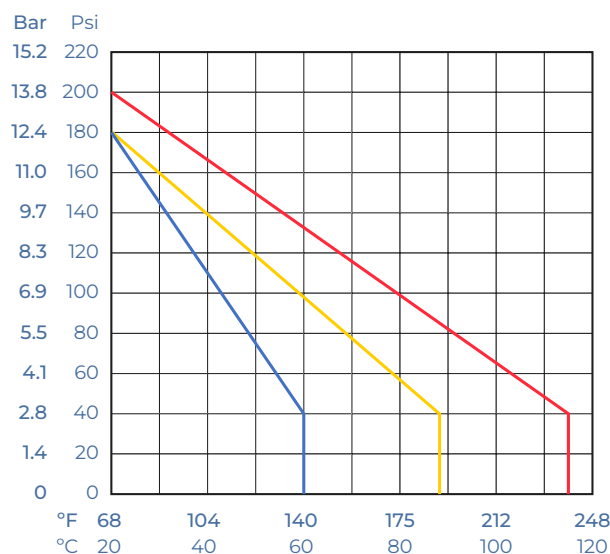
Wiring



M12 Connection (no Internal wiring required)

Terminal	Description	Color
1	+ 10-30 VDC	Brown
2	Relay 2	White
3	0V	Blue
4	Relay 1	Black
5	Com	Grey
6	+mA or +V	Yellow

■ = PVC ■ = PP ■ = PVDF



Temperature | Pressure Graphs | Non-Wetted

Note: The Pressure/Temperature graphs are specifically for the Truflo® PRD Pressure Transmitter. During system design the specifications of all components must be considered.

Model Selection

PRD — 3 Digit Pressure Meter		
Size	Part Number	Material
½" MNPT	PRD-X-PP-M-X	PP
½" MNPT	PRD-X-PF-M-X	PVDF
¾" MNPT	PRD-X-SS-M-X	316SS

X = Pressure Range

N01 ▶ -14.5 - 0.0 Psi

C01 ▶ -14.5 - 14.5 Psi

P06 ▶ 0.0 - 8.7 Psi

001 ▶ 0.0 - 14.5 Psi

010 ▶ 0.0 - 145.0 Psi

030 ▶ 0.0 - 435.0 Psi (SS Only)

2x 3A Relays (std) — Add suffix "-P" for PNP, "-N" for NPN