

# LevelPro® – TPP Series

## Plastic Temperature Probe



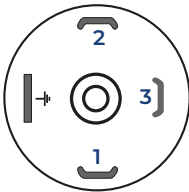
- ✓ Superior Corrosion Resistance
- ✓ 2-Wire 4-20mA Loop Powered
- ✓ Customizable Length | Ranges
- ✓  $\pm 0.5\%$  F.S Accuracy
- ✓ Local LED Display Option
- ✓ No Calibration Required

The **TPP Series** Plastic Temperature Probe offers superior corrosion resistance and  $\pm 0.5\%$  F.S accuracy, featuring 2-wire 4-20mA loop-powered operation and an optional local LED display. The TPP Series is designed for reliable performance in harsh environmental conditions.

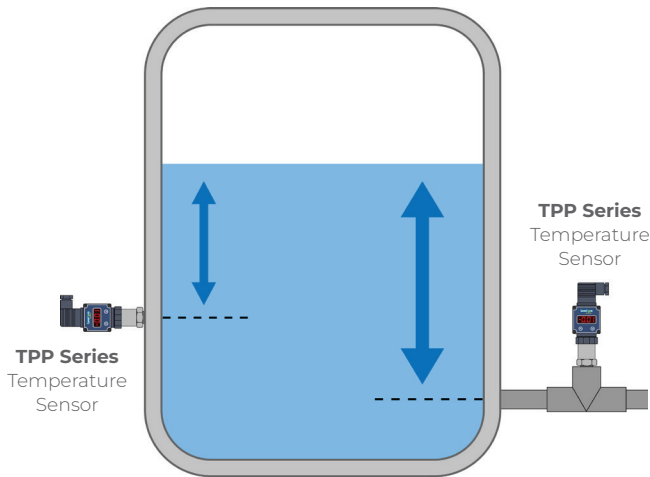
### Specifications

|                       |                             |
|-----------------------|-----------------------------|
| Operating Voltage     | 9-30 VDC                    |
| Output                | 4-20mA Loop Powered         |
| Connection            | 1/2" NPT                    |
| Operating Temperature | -25.6 - 212°F   -32 - 100°C |
| Wetted Part           | PTFE Teflon®                |

### Wiring Diagram



### Application Diagram



| DIN Connection |               | M12 Connection |            |               |
|----------------|---------------|----------------|------------|---------------|
| Terminal       | Description   | Pin            | Wire Color | Description   |
| Terminal 1     | +VDC          | Pin 1          | Brown      | +VDC          |
| Terminal 2     | 4-20mA   -VDC | Pin 4          | Black      | 4-20mA   -VDC |

### Model Selection

| Size | Part Number |
|------|-------------|
| 2"   | TPP-02      |
| 4"   | TPP-04      |
| 6"   | TPP-06      |
| 8"   | TPP-08      |

Add Suffix -  
"-D" - DIN Connection (M12 is std.)  
"-L" - LED Display  
\*Contact Factory for Other Lengths