

# ROSEMOUNT™ 1058 DUAL-CHANNEL TRANSMITTER

Dependable liquid measurement to help keep you informed

## Confident liquid analysis for greater reliability

The Rosemount™ 1058 Dual-Channel Transmitter provides confident liquid measurement for a wide range of industrial, municipal and commercial applications. The 4-wire device provides multi-parameter liquid analysis for up to two sensors. Each sensor channel is independently configurable to support a wide selection of digital or analog liquid analysis sensors including pH sensors, ORP sensors, conductivity sensors, dissolved oxygen sensors, chlorine sensors, turbidity sensors and more.

The transmitter offers advanced diagnostics and continuous oversight to help keep you informed. It uses predictive pH sensor health diagnostics to let you know when your pH sensor is nearing the end of its life.



*The Rosemount 1058 Transmitter is certified to Class 1 Division 2 non-incendive safety standards.*

## Easy to Use

The modular design allows the signal input boards to be replaced in the field, making configuration changes easy. Intuitive menus and alpha-numeric keypad enable easy configuration and calibration. The internal data/event logger keeps a record of all calibration and measurement information for added functionality.

## Continuous Monitoring

The transmitter continually monitors itself and any connected sensors, providing a range of diagnostic information in addition to detailed fault and warning data. Up to four alarm relays can be assigned and programmed to trigger when measurement, diagnostic setpoints or fault conditions occur.

## Built for Harsh Environments

- Designed to operate in ambient temperatures ranging from 14 to 140 °F (-10 to +60 °C) and 32 to 131 °F (0 to 55 °C) for turbidity
- Achieves ingress protection levels of IP66

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Specifications	
<b>Measurement Type</b>	pH, ORP, contacting conductivity, toroidal conductivity, chlorine, ozone, dissolved oxygen, turbidity, ISE configurable
<b>Power Supply</b>	Option 1: 115 Vac $\pm 15\%$ 60 Hz $\pm 6\%$ , 10 W; 230 Vac $\pm 15\%$ 50 Hz $\pm 6\%$ , 10 W Option 2: 20 to 30 Vdc, 15 W
<b>Outputs</b>	Four 4–20 mA or 0–20 mA isolated current outputs. Fully scalable. Output 1 hosts the standard HART® digital signal. Outputs can be programmed for PID control. Output dampening can be enabled with time constants from 0 to 999 seconds.
<b>Enclosure</b>	Heat stabilized and reinforced polybutylene terephthalate (PBT)
<b>Enclosure Rating</b>	Nema 4X, IP66
<b>Temperature*</b>	<i>Operating:</i> 14 to 140 °F (-10 to +60 °C) 32 to 131 °F (0 to 55 °C) for turbidity <i>Storage:</i> -4 to +140 °F (-20 to +60 °C)
<b>Humidity</b>	5 to 95% (non-condensing)
<b>Dimensions</b>	Overall: 160 x 157 x 140 mm (6.3 x 6.2 x 5.5 in.) Cutout: 138.4 x 138.4 mm (5.45 x 5.45 in.)
<b>Weight</b>	3 lb./4 lb. (1.5 kg/2.0 kg); rounded to nearest 1 lb. or 0.5 kg
<b>Warranty</b>	Three (3) or five (5) year limited warranty
<b>Certifications</b>	Class 1 Division 2 non-incendive safety standards

\* Some degradation in display response or performance may occur below 23 °F (-5 °C) and above 131 °F (55 °C). Above 140 °F (60 °C), the following components will progressively and automatically shut down: display, USB communications port, current outputs, alarm relays, and main circuit board.

For more information, visit  
[Emerson.com/Rosemount1058](https://www.emerson.com/Rosemount1058)

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