

# Transmitter H100 pH

Specification Sheet (Part/REF # 243080-01)



A traditional transmitter for pH, ORP, polarographic DO, and 2/4-pole conductivity. The H100 is a 4-wire design with dual 4-20 mA analog outputs and a relay for rinse and alarm functionality.

## Product Specifications

<b>Measuring Range</b>	pH -2.00 to 16.00 -1500 mV to +1500 mV
<b>Measured Variable</b>	pH, mV (ORP), and temperature
<b>Dimensions (W x D x H)</b>	144 x 105 x 144 mm
<b>Analog Output</b>	Two 0/4 - 20mA, Max. 10V, floating
<b>Housing Material</b>	PBT (polybutylene terephthalate)
<b>Power Supply</b>	24 to 230 V AC/DC
<b>FM Approval</b>	Non-incendive: Class I, Div 2 Group A, B, C, D, T4 Ta = 55 °C; Type 2 // Class I, Zone 2 Group IIC, T4 Ta = 55 °C; Type 2
<b>Operating Humidity</b>	0 to 80% at temperatures up to 55 °C
<b>Protection Rating</b>	IP 65, NEMA 4X
<b>Display</b>	LCD, 7-segment with icons
<b>Measuring Error</b>	<0.02 pH, <1 mV
<b>Temperature Input</b>	Pt 100, Pt 1000, NTC 30 kOhm
<b>Temperature Measuring Range</b>	-20 to 150 °C
<b>Temperature Resolution</b>	0.1 °C
<b>Relay Output</b>	3A max, < 250 VAC/30 VDC, Configurable for alarm or rinse function

Specifications are subject to change without notice

<https://www.hamiltoncompany.com/sensors/243080-01>

Spec. Version B