

Two-wire design with input-to-output isolation ensures clean signal transmission even in noisy locations.

Waterproof IP65-rated housing

suitable for harsh environments

Transmitters can be installed in series with each transmitter isolated from the other

prevents disruption of operations even if one transmitter fails

Easy to access potentiometers

for fast, simple calibration

Mounting holes located in each corner of the transmitter

install transmitters on wall; safe and out of the way

Punchouts with rubber septems for incoming wires

bring wires in from any direction; keep water and dust away from internals

LED indicator on board

lights to let you know transmitter is powered

pH and ORP transmitters accommodate solution ground

use in symmetrical mode in tough, noisy environments



ISO 9001
Vendor
CERTIFIED

Left: pH transmitter shown actual size.

Below: Terminal blocks make connections fast and easy.



Simple and reliable blind transmitters are ideal for connecting to your PLC for advanced control systems. Or, connect to a recorder for a low cost documentation system. These economical transmitters can be installed at multiple sites within a plant. Choose from five different models:

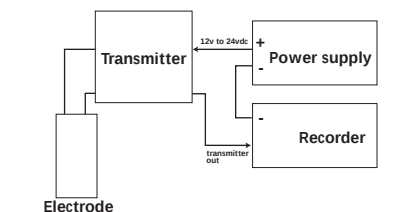
pH and ORP transmitters: Ideal for waste treatment and chemical processes

Conductivity/TDS transmitter: Monitor water quality applications

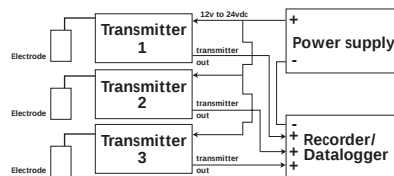
Dissolved oxygen transmitter: Great for fish farms or waste treatment

Temperature transmitter: Great in temperature applications or in conjunction with pH, Conductivity, ORP or DO

Easy installation for one transmitter...



...or several transmitters



Transmitter	pH	ORP	Conductivity/TDS	Dissolved oxygen	Temperature
Catalog Number	WD-35150-00	WD-35150-05	WD-35150-20	WD-35151-00	WD-35155-00
Range	0.00 to 14.00 pH	0 to 1000 mV	0 to 20.00 mS	0 to 200%	0 - 100°C (32 - 212°F)
Accuracy	±0.05 pH	±3 mV	±2% FS	±1.5% FS	±0.5°C (±1.0°F)
Calibration	offset ±1 pH; slope 80 to 120%	offset ±50 mV slope 80 to 120%	two-point	one point @ 100% saturation	single point
ATC	none	—	2% per °C	none	—
Input	Asymmetrical (2-wire) or Symmetrical (3-wire with Potential Matching Pin)		conductivity cells with cell constant ≈1.0 (use only with 3-wire cells)	galvanic dissolved oxygen sensor	Pt 100 sensors (2-wire)
Output	4-20 mA				
Operating Voltage	12 VDC to 24 VDC				
Load	100 Ω max load for 12 VDC and 600 Ω max load for 24 VDC				
Shipping Weight	2 lbs (0.9 kg)				
Dimensions	3" L x 3" W x 1.125" H				

Probes

WD-35806-21 pH electrode, flat electrode surface prevents solids buildup. KCl/AgCl reference; Pt100, CPVC body with 3/4" NPT(M) thread on both ends, 10-ft cable. Shpg wt: 0.5 lb

WD-35807-10 pH electrode, semi-domed surface design provides protection from particulates while increasing flow across the junction, KCl/AgCl reference; 3/4" NPT(M) thread on both ends, 10-ft cable. Shpg wt: 0.5 lb

WD-35801-21 ORP electrode, can be placed in a tee-fitting for in-line use or on a submersion pipe for tank mounting. KCl/AgCl reference; 3/4" NPT(M) thread on both ends, 10-ft cable. Shpg wt: 0.6 lb

WD-35150-50 Conductivity/Temperature probe, epoxy body/2-pin stainless steel probe with built-in temperature sensor. Three wires; stripped ends. Cell constant K = 1.0, 110 mm L x 12 mm dia. 10-ft cable. Shpg wt: 0.4 lb

WD-35201-50 Industrial DO probe, 0 to 200%. Shpg wt: 0.5 lb