

**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.

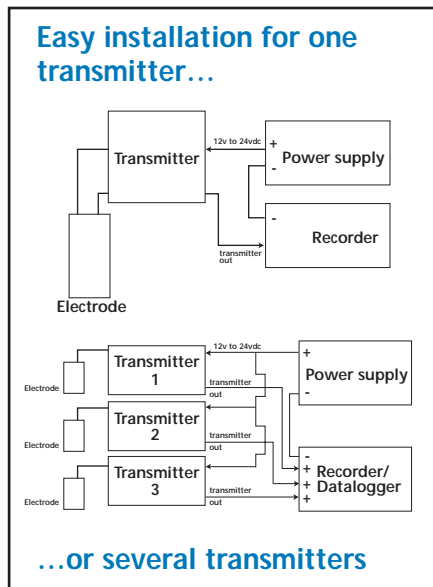
**Simple and reliable blind transmitters are ideal for connecting to your PLC for advanced control systems.** Or, connect to a recorder for a low cost documentation system. These economical transmitters can be installed at multiple sites within a plant. Choose from five different models:

**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



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

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