Electrical Power Transducers

Utility-Grade Power Measuring Transducers for SCADA and Energy Management Applications

Available Models

- Watt
- VAR
- Watt/VAR
- Current
- Voltage
- Frequency
- DC Voltage
- Phase Angle
- Power Factor
- Temperature
- Neutral Current
- Watthours
- VARhours
- Qhours
- Volthours
- Amphours
- Analog-to-Pulse

Manufactured and Tested in the United States of America

Proven Superior by Utilities and Industry since 1969, TransData Transducers Provide Exceptional Quality, Accuracy & Reliability

- Precision Engineered for Superior Accuracy and Long-Term Reliability
- Pin-for-Pin Direct Replacement for Other Brand Transducers
- Best-in-Class ±0.2% and ±0.1% Accuracy Class Models Available
- 5000 Volts "Industry Best" Surge Withstand Capability
- Up to 300% Overload with Stated Accuracy and Linearity

TRANSDATA®

Energy Metering & Automation

Measuring Today's Energy...

The Number-One Source for Reliable, Utility-Grade Electrical Power Transducers for SCADA Systems

For over 40-years, TransData has remained a leading manufacturer of advanced solid-state energy meters, power transducers and demand recorder products for the utility marketplace. TransData offers best-of-class products and exceptional technical support that enables our customers to more efficiently measure, manage and communicate system energy data.

TransData electrical power transducers are used in a variety of Distribution Substation, Generation and Industrial applications for measuring AC and DC power quantities and providing real-time analog signals and/or KYZ pulse data to SCADA and Energy Management Systems.

TransData power transducers are precision engineered to exacting standards utilizing the finest materials and components to provide superior accuracy and long-term reliability performance. Our transducers are direct pin-for-pin wiring compatible with other brands and feature a utility specified steel enclosure with standardized mounting footprint.

When you specify TransData transducers, you're getting the absolute best quality and value available in the marketplace.

Transducer Selection Guide

STANDARD MODELS - 120 Volts, 5 Amps, 60 Hz	0–1mA	±1mA	4–20mA	4–12–20mA	KYZ Pulse Output
Ampere 1 Phase	10CS501	----------	10CP552	----------	10AHS511EM
Ampere (3 in 1 Model)	30CS501	----------	----------	----------	----------
Voltage 1 Phase	10PS501	----------	10VP552	----------	10VHS511EM
Voltage (3 in 1 Model)	30PS501	----------	----------	----------	----------
DC Voltage Battery Monitor (Specify Voltage)	10ID70X	----------	10ID71X	----------	----------
1 Element Watt	----------	10EWS501(E)	10WP552	10WP552-12	10WHS511(521)
2 Element Watt	----------	20EWS501(E)	20WP552	20WP552-12	20WHS511(521)
2½ Element Watt	----------	25EWS501(E)	25WP552	25WP552-12	25WHS511(521)
3 Element Watt	----------	30EWS501(E)	30WP552	30WP552-12	30WHS511(521)
1 Element VAR	----------	10ERS501(E)	10RP552	10RP552-12	10RHS511(521)
2 Element VAR	----------	20ERS501(E)	20RP552	20RP552-12	20RHS511(521)
2½ Element VAR	----------	25ERS501(E)	25RP552	25RP552-12	25RHS511(521)
3 Element VAR	----------	30ERS501(E)	30RP552	30RP552-12	30RHS511(521)
1 Element Watt-VAR (Isolated Outputs)	----------	10EWRS525(E)	10WRP552	10WRP552-12	----------
1 Element Watt-VAR (Common Ground)	----------	10EWRS550(E)	----------	----------	----------
2 Element Watt-VAR (Isolated Outputs)	----------	20EWRS525(E)	20WRP552	20WRP552-12	----------
2 Element Watt-VAR (Common Ground)	----------	20EWRS550(E)	----------	----------	----------
2½ Element Watt-VAR (Isolated Outputs)	----------	25EWRS525(E)	25WRP552	25WRP552-12	----------
2½ Element Watt-VAR (Common Ground)	----------	25EWRS550(E)	----------	----------	----------
3 Element Watt-VAR (Isolated Outputs)	----------	30EWRS525(E)	30WRP552	30WRP552-12	----------
3 Element Watt-VAR (Common Ground)	----------	30EWRS550(E)	----------	----------	----------
Frequency ±1Hz (59-61Hz)	60HS911	60HS912	60HS911-552	----------	----------
Frequency ±5Hz (55-65Hz)	60HS951	60HS952	60HS951-552	----------	----------
Phase Angle - Voltage vs. Voltage	10PA503	10PA501	10PA501-552	----------	----------
Power Factor - Voltage vs. Current	10PA523	10PA521	10PA521-552	----------	----------

(E) Suffix when added to the model number denotes External Power Supply Option on Selected Models

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