

SENSOR SOLUTIONS

KPSI TRANSDUCERS

LEVEL TRANSDUCERS—SUBMERSIBLE

Model	Accuracy	Description	Image	Minimum (Ft H ₂ O) Full Scale Level Range	Maximum (Ft H ₂ O) Full Scale Level Range	Output
700 710 720 730 735	±1.00% FS ±0.50% FS ±0.25% FS ±0.10% FS ±0.05% FS	General purpose, analog output		0-2.3 feet 0-2.3 feet 0-2.3 feet 0-5 feet 0-6 feet	0-700	4-20 mA, 0-5 VDC
705	±0.25% FS	Non-fouling, 0.90" diaphragm, analog output		0-6 feet	0-115	4-20 mA, 0-5 VDC
745	±0.25% FS	Non-fouling, 2.50" diaphragm, analog output		0-10 feet	0-115	4-20 mA, 0-5 VDC
750	±0.25% FS	Non-fouling, 2.75" diaphragm, analog output		0-10 feet	0-115	4-20 mA, 0-5 VDC
300DS	±0.50% FS	Deep water, small bore, analog output		0-700 feet	0-6921	4-20 mA, 0-5 VDC
320 330 335	±0.25% FS ±0.10% FS ±0.05% FS	Small bore, analog output		0-5 feet 0-5 feet 0-6 feet	0-700	4-20 mA, 0-5 VDC
342	±0.25% TEB	ASIC-based, small bore, analog output, operating temperature range -20°C to 85°C		0-10 feet	0-700	4-20 mA, 0-5 VDC
351 353 355	±0.01 Ft. H ₂ O ±0.10% TEB ±0.05% TEB	0.75" bore diameter microcomputer-based, digital output, optional removable cable		0-10 feet	0-50 0-230 0-230	SDI-12
500 501	±0.05% TEB ±0.01 Ft. H ₂ O	1" bores diameter microcomputer-based, digital output		0-10 feet	0-230 0-50	SDI-12
600 601	±0.05% FS TEB ±0.01 ft. H ₂ O	1" bore diameter, ceramic diaphragm vented submersible		0-10 feet	0-230 0-69	SDI-12, RS-485

TEMPERATURE TRANSDUCERS—SUBMERSIBLE

Model	Accuracy	Description	Image	Minimum Full Scale Level Range	Maximum Full Scale Level Range	Output
380	±0.1 °C	0.75" bore diameter, temp only, microcomputer-based digital output		-20 °C	60 °C	SDI-12

PRESSURE TRANSDUCERS— NON SUBMERSIBLE

Model	Accuracy	Description	Image	Minimum Full Scale Level Range	Maximum Full Scale Level Range	Output
30 27 28	±0.10% FS ±0.25% FS ±0.50% FS	General purpose, analog output		0-2 psi 0-1 psi 0-1 psi	0-2000 psi	4-20 mA, 0-5 VDC

ACCESSORIES

Model	Image	Description
Lighting Protection		<ul style="list-style-type: none"> •Lifetime warranty for damage due to lightning or voltage spikes •Low peak clamping voltage •Up to 20,000 Amperes Peak Surge Protection •Automatically Resets
Aneroid Bellows		<ul style="list-style-type: none"> •Maintenance free moisture protection for vented gage transducers •Expands and contracts with changes in atmospheric pressure maintaining a constant barometric reference (Not available for product accuracy < 0.25%)
Stainless Stell Vent Filters		<ul style="list-style-type: none"> •Maintenance free moisture protection for vented gage transducers •All 316 Stainless Steel Body •Long Term Protection (5 Years)
Superdry Vent Filter		<ul style="list-style-type: none"> •Color Indicating Desiccant filled moisture protection •1 year warranty guarantee •Low maintenance

INSTALLATION HARDWARE:

Anti-Snag Cone, Cable Hanger, Mounting Clamp, Well Caps, Junction Box, Identification Tags, Cable Splice Kit

REPLACEABLE AND INTERCHANGEABLE NOSE CAPS:

Open-face Nose Cap, Ported Nose Cap, Piezometer Nose Cap, Male NPT Nose Cap

OPTIONS INCLUDE:

Reference Pressure Format
Transducer Output
Electrical Connection
Temperature Sense Output
Alternate Materials of Construction
Expedite Shipment Service

FOR MORE INFORMATION CONTACT:

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