

KPSI 705



KPSI 745



KPSI 750



KPSI FLEXIBLE DIAPHRAGM TRANSDUCERS

Non-Fouling Flexible Diaphragm Submersible Level Transducers

- Designed for Lift Stations, Slurries, Wastewater & Other Highly Viscous Applications
- Non-Clogging PTFE Coated Elastomeric Diaphragms
- 0.25% FSO Static Accuracy
- Two Year Warranty
- Factory Calibration Report Included

The **KPSI 705** has 1.20" diameter that fits inside a 1 ¼" ID pipe. It is designed to meet the adverse environments encountered in wastewater and other hostile environmental applications.

The **KPSI 745** has 3.50" diameter that fits inside a 4" ID pipe. The protective cage option is available to shield the elastomeric diaphragm from impact with suspended solid materials.

The **KPSI 750** has 4.10" diameter that fits inside a 6" ID pipe. It is market proven to provide precision depth measurement under the most hostile conditions.

Options:

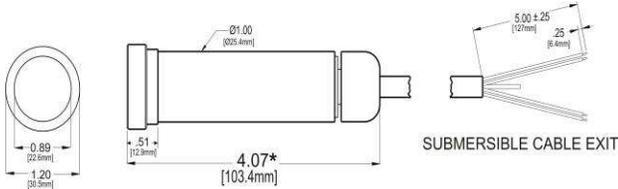
- 316 SS Body Material (Titanium available on KPSI 705 only)
- Custom Pressure Ranges
- Vented Pressure Reference (Sealed reference available on KPSI 705 only)
- mA or VDC Electrical Output Available
- Molded or Gland Seal Electrical Connections
- Polyurethane or ETFE Cable Type
- Custom Cable Lengths
- Lifetime Lightning Protection Available



PRODUCT DRAWINGS

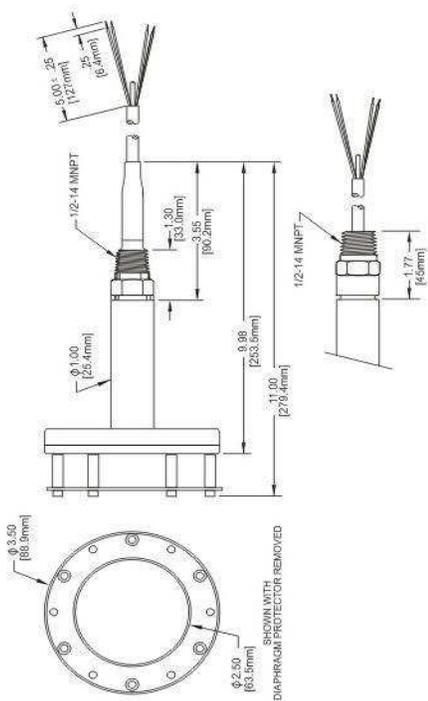
FLEXIBLE DIAPHRAGM TRANSDUCER SPECIFICATIONS

KPSI 705

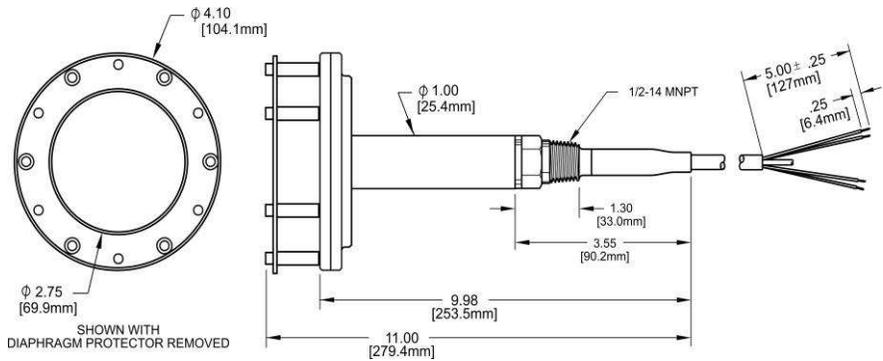


*ADD 1.95" FOR LIGHTNING PROTECTION OPTION

KPSI 745



KPSI 750



KPSI 705	
Pressure Range	6–115 ft H ₂ O (2-35 m H ₂ O)
Diaphragm Diameter	0.89 inches (22.6 mm)
Housing Diameter	1.20 inches (30.5 mm)
Protective Cage	none
KPSI 745	
Pressure Range	10-115 ft H ₂ O (3-35 m H ₂ O)
Diaphragm Diameter	2.50 inches (63.5 mm)
Housing Diameter	3.50 inches (88.9 mm)
Protective Cage	Optional Protective Cage
KPSI 750	
Pressure Range	10-115 ft H ₂ O (3-35 m H ₂ O)
Diaphragm Diameter	2.75 inches (69.9 mm)
Housing Diameter	4.10 inches (104.1 mm)
Protective Cage	Standard Protective Cage

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