# SENSOR SOLUTIONS
## KPSI TRANSDUCERS SELECTION GUIDE


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| | ACCURACY | | | | | | | | | MAT-ERIAL | | REF. FORMAT | | | OUTPUT | | | | | | | | | PRESSURE CONNECTION | | | | | | | | | ELECTRICAL CONNECTION | | | | | | | | MOISTURE PROTECTION | | | | CABLE TYPE | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ±0.05% FS | ±0.10% FS | ±0.25% FS | ±0.50% FS | ±1.0% FS | ±0.01 Ft $H_2O$ (OSW) | ±0.05% TEB | ±0.10% TEB | ±0.25% TEB | Stainless Steel | Titanium | Vented Gage | Sealed Gage | Absolute | 0-2.5 VDC | 0-4 VDC | 0-5 VDC | 0-10 VDC | 1.5-7.5 VDC | SDI-12 | RS-485, SDI-12 | 4-20 mA | 4-20 mA w/ Temp. Measurement | Open-Face Cap | Ported Nose Cap | 3/4" Removable Ported Nose Cap | Piezometer | 1/4"-18 NPT male fitting | 1/4"-18 NPT female fitting | 1/2"-14 NPT male fitting | Elastomeric Diaphragm | Elastomeric Diaphragm w/ Cage | Molded Cable Seal | Gland Cable Seal | 1/2"-14 NPT male fitting — molded | 1/2"-14 NPT male fitting — gland | 1/2"-14 NPT male Fitting — strain-relief | Strain-relief w/ flying leads | Removable Cable | LIGHTNING PROTECTION | SuperDry Vent Filter | Aneroid Bellows | Stainless Steel Vent Fitler | None (Sealed/Absolute Only) | Polyurethane | ETFE | PVC-Jacketed | Armored -PVC Jcketed Steel Conduit Poly |
| **KPSI 700 SERIES** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KPSI 700 | | | | | • | | | | | • | • | • | • | • | • | • | • | • | • | | | • | • | • | • | | • | • | | • | | | • | • | • | • | | | | • | • | • | • | • | • | • | | |
| KPSI 710 | | | | • | | | | | | • | • | • | • | • | • | • | • | • | • | | | • | • | • | • | | • | • | | • | | | • | • | • | • | | | | • | • | • | • | • | • | • | | |
| KPSI 720 | | | • | | | | | | | • | • | • | • | • | • | • | • | • | • | | | • | • | • | • | | • | • | | • | | | • | • | • | • | | | | • | • | • | • | • | • | • | | |
| KPSI 730 | | • | | | | | | | | • | • | • | • | • | • | • | • | • | • | | | • | • | • | • | | • | • | | • | | | • | • | • | • | | | | • | • | | • | • | • | • | | |
| KPSI 735 | • | | | | | | | | | • | • | • | | | • | • | • | • | • | | | • | • | • | • | | • | • | | • | | | • | • | • | • | | | | • | • | | • | | • | • | | |
| KPSI 705 | | | • | | | | | | | • | • | • | • | | • | • | • | • | • | | | • | • | | | | | | | | • | | • | • | • | • | | | | • | • | • | • | • | • | • | | |
| KPSI 745 | | | • | | | | | | | • | | • | | | • | • | • | • | • | | | • | • | | | | | | | | • | • | | | • | • | | | | • | • | • | • | | • | • | | |
| KPSI 750 | | | • | | | | | | | • | | • | | | • | • | • | • | • | | | • | • | | | | | | | | | • | | | • | • | | | | • | • | • | • | | • | • | | |
| **KPSI 600 SERIES** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KPSI 600 | | | | | | | • | | | • | • | • | | | | | | | | | • | | | • | | | | • | | | | | • | • | • | • | | | • | • | | | • | • | • | • | | |
| KPSI 601 | | | | | | • | | | | • | • | • | | | | | | | | | • | | | • | | | | • | | | | | • | • | • | • | | | • | • | | | • | • | • | • | | |
| **KPSI 300 SERIES** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KPSI 300 DS | | | | • | | | | | | • | | | • | | • | • | • | • | • | | | • | | | • | | | | | | | | | • | | | | | | | | | | | • | • | • | • | |
| KPSI 320 | | | • | | | | | | | • | • | • | • | • | • | • | • | • | • | | | • | | | • | | | | | | | | • | • | | | | | | • | • | • | • | • | • | • | • | | |
| KPSI 330 | | • | | | | | | | | • | • | • | • | • | • | • | • | • | • | | | • | | | • | | | | | | | | • | • | | | | | | • | • | | • | • | • | • | | |
| KPSI 335 | • | | | | | | | | | • | • | • | | | • | • | • | • | • | | | • | | | • | | | | | | | | • | • | | | | | | • | • | | • | | • | • | | |
| KPSI 342 | | | | | | | | | • | • | • | • | • | • | | | | | | | | • | | | • | | | | | | | | • | • | | | | | | • | • | • | • | • | • | • | | |
| **KPSI DIGITAL SERIES** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KPSI 500 | | | | | | | • | | | • | • | • | | | | | | | | • | • | | | • | • | | • | • | | • | | | • | • | • | • | | | • | • | • | • | | • | • | | * |
| KPSI 501 | | | | | | • | | | | • | • | • | | | | | | | | • | • | | | • | • | | • | • | | • | | | • | • | • | • | | | • | • | • | • | | • | • | | * |
| KPSI 351 | | | | | | • | | | | • | • | • | | | | | | | | • | • | | | | • | • | | • | | | | | • | • | | | | | • | • | • | | • | | • | • | | * |
| KPSI 353 | | | | | | | | • | | • | • | • | | | | | | | | • | • | | | | • | • | | • | | | | | • | • | | | | | • | • | • | | • | | • | • | | * |
| KPSI 355 | | | | | | | • | | | • | • | • | | | | | | | | • | • | | | | • | • | | • | | | | | • | • | | | | | • | • | • | | • | | • | • | | * |
| **KPSI PRESSURE SERIES** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KPSI 27 | | | • | | | | | | | • | • | • | • | • | • | • | • | • | • | | | • | • | | | | | • | • | • | | | • | • | | • | • | • | | • | • | | • | • | • | • | • | |
| KPSI 28 | | | | • | | | | | | • | • | • | • | • | • | • | • | • | • | | | • | • | | | | | • | • | • | | | • | • | | • | • | • | | • | • | | • | • | • | • | • | |
| KPSI 30 | | • | | | | | | | | • | • | • | • | • | • | • | • | • | • | | | • | • | | | | | • | • | • | | | • | • | | • | • | • | | • | • | | • | • | • | • | • | |

*Requires 859 Removable Cable Accessory - (Not available with Lightning Protection Option)

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