

KPSI® Submersible Level Transmitters from TE Connectivity

All KPSI transmitters use a highly accurate piezoresistive pressure sensor which is integrated in an impervious IP68-rated 316 stainless steel waterproof housing with welded design. They feature surface mount internal signal conditioning for a clean 4-20 mA signal and full temperature compensation.

Each transmitter ships with KPSI's SuperDry vent filter that prevents moisture from entering the vent tube for at least one year without maintenance, even in the most humid conditions. Transmitters include traceable calibration data to ensure accuracy.

Wastewater

KPSI® Series 705 Submersible Level Transmitters

- Designed for rugged wastewater applications
- Flush Teflon®-coated elastometric diaphragm prevents fouling

The Series 705 submersible level transmitter works in wastewater lift station applications and in other environments containing slurry or highly viscous fluids. These transmitters feature a welded 316 SS 1/2" NPT(M) conduit connection. Models with surge/lightning protection option are warranted for the life of the instrument against damage due to voltage surge.



Wastewater

KPSI® Series 750 Non-Fouling Submersible Level Transmitters



- Giant 2 3/4" non-fouling sensing area
- For use in lift stations, heavy solids-laden liquids and slurries



The Series 750 submersible pressure transmitter feature a 2 3/4" welded 316 SS diaphragm with a tough PTFE outer diaphragm. Each Series 750 transmitter has a welded 316 SS 1/2" NPT(M) conduit connection. Models with surge/lightning protection option are warranted for the life of the instrument against damage due to voltage surge.



Wetted materials:	316 SS, Delrin®, polyurethane cable jacket, PTFE outer diaphragm
Cable:	polyurethane jacket, water block liner, 3 conductor shielded, 22 AWG with polyethylene vent tube
Accuracy:	±0.25%
Power:	9-30 VDC
Output:	2-wire, 4-20 mA
Operating conditions:	-4 to 140°F (-20 to 60°C)
Diameter:	1.2"

Wetted materials:	316 SS, Delrin®, polyurethane cable jacket, PTFE outer diaphragm
Cable:	polyurethane jacket, water block liner, 3 conductor shielded, 22 AWG with polyethylene vent tube
Accuracy:	±0.25%
Power:	9-30 VDC
Output:	2-wire, 4-20 mA
Operating conditions:	-4 to 140°F (-20 to 60°C)
Diameter:	4.1"

RANGE (PSI)	RANGE (FT/H ₂ O)	CABLE LENGTH	STOCK #	EACH	
STANDARD TRANSMITTERS					
0 to 5	0 to 11.55	30'	49508	\$	
0 to 10	0 to 23.10	30'	49509		
0 to 15	0 to 34.65	40'	49510		
0 to 20	0 to 46.20	50'	49511		
SURGE/LIGHTNING PROTECTION TRANSMITTERS					
0 to 5	0 to 11.55	30'	49512	\$	
0 to 10	0 to 23.10	30'	49513		
0 to 15	0 to 34.65	40'	49514		
0 to 20	0 to 46.20	50'	49515		

RANGE (PSI)	RANGE (FT/H ₂ O)	CABLE LENGTH	STOCK #	EACH	
STANDARD TRANSMITTERS					
0 to 5	0 to 11.55	30'	69000	\$	
0 to 10	0 to 23.1	30'	69001		
0 to 15	0 to 34.65	40'	69002		
SURGE/LIGHTNING PROTECTION TRANSMITTERS					
0 to 5	0 to 11.55	30'	69018	\$	
0 to 10	0 to 23.1	30'	69019		
0 to 15	0 to 34.65	40'	69020		

Accessories			
DESCRIPTION	STOCK #	EACH	
Series 815 Aneroid Bellows	69033	\$	
Surge Protector (DIN Rail Mountable)	17701		

Accessories			
DESCRIPTION	STOCK #	EACH	
Replacement SuperDry Vent Filter	69032	\$	
Surge Protector (DIN Rail Mountable)	17701		

See page 927 for our wide selection of Submersible Transmitter Installation Accessories.