

M5700/U5700 Installation Manual

Submersible Liquid Level Pressure Transducers



Outline

GENERAL OUTLINE

CONNECTION TYPE
SENSOR
PORT TYPE(except port 'Y' option)

COMMON WATER LEVEL MEASUREMENT PORT WITH POLYOXYMETHYLENE CAP WITH SCREEN

PRESSURE PORT 'Y' OPTION

Wiring connection

Current Output

Connection (current output)				
CONNECTION	+SUPPLY	-SUPPLY	GROUND	P REF VENT
CABLE	RED	BLK	DRAIN WIRE	IN CABLE

Voltage Output

Connection (voltage output)					
CONNECTION	+SUPPLY	+OUTPUT	COMMON	GROUND	P REF VENT
CABLE	RED	WHT	BLK	DRAIN WIRE	IN CABLE

Sensitive diaphragm inside.
Do not stick anything into the pressure port.

NOTES:

1. THE IP68 RATING IS ONLY MET WHEN THE CABLE TERMINATION IS TO A DRY CLEAN AREA. MOISTURE CAN ENTER THE TRANSDUCER THROUGH THE VENT TUBE AT THE CABLE TERMINATION.
2. THE PSIG TRANSDUCER REQUIRES A VENT TO ATMOSPHERE ON THE PRESSURE REFERENCE. THIS IS ACCOMPLISHED VIA A VENT TUBE IN THE CABLE. THE END OF THE CABLE SHOULD BE TERMINATED TO A CLEAN DRY AREA.
3. TORQUE: DEPENDS OF DIFFERENT PARAMETERS AS PACKING MATERIAL.MATING MATERIAL.THREAD LUBRICATION AND PRESSURE LEVEL. TFFT: MEANS TURNS FROM FINGER TIGHT.
4. THE DRAIN WIRE IS TERMINATED TO PRESSURE PORT INSIDE THE TRANSMITTER.
5. RECOMMEND CUSTOMER TO USE SHIELDED CABLE WHEN POSSIBLE FOR THE BEST SIGNAL STABILITY.

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