

PRESSURE TRANSDUCER

MICRO-COMM
Automation

WATER TOWER LEVEL

GROUND STORAGE MONITORING

INTAKE WATER LEVEL

STREAM LEVEL MONITORING

SEWAGE LIFT STATION LEVEL

SUCTION OR DISCHARGE PUMP PRESSURE

WELL HEAD PRESSURE MONITORING

WELL WATER DRAW DOWN LEVEL



The Micro-Comm L5A submersible pressure transducer housing is constructed of PVC. This provides electrical isolation for the sensor and signal conditioning circuit. A female 1/4" NPT port provides connection to the process pressure. For direct submerged pressure sensing a stainless steel snub-nose adapter screws over the pressure port. The snub-nose adapter protects the sensor from debris and adds weight.

The pressure transducer is offered in four standard pre-calibrated ranges. The signal conditioning circuitry provides a standard 4-20mA linear output from a 10.5 - 24 VDC excitation voltage.

FEATURES

- PVC Housing
- 15, 60, 100, 300 psig
- Pressure Overload up to 3x
- 0.1% Accuracy
- Temp Range -20° to 60° C
- 4-20mA Output
- 10.5-24 VDC Supply
- Reverse Voltage and Surge Protection
- Complete Electrical Isolation (PVC Housing)
- Snub-Nose Adapter (PN: L5A-SNA)
- 7.25" Length, 1.55" Diameter

ORDER INFORMATION

Part #: L5AXXX

└─ psi pressure range
(015,060,100,300)

Micro-Comm Automation has been providing process control solutions for more than 25 years.

Call us at **(913) 390-4500** to place your order or to speak to a sales and service representative.

Or, visit us on-line at:

www.micro-comm-inc.com

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Specifications

Housing	PVC
Sensor & Diaphragm	316L SS
O-ring	Buna-N
Cable Grommet	Neoprene Rubber
Temp. Range	-20° to 60° C
Temp. Coefficient	0.008%/°C Span, 0.005%/°C Zero
Long Term Stability	0.1% Span/year
Accuracy	0.1% Span
Non-Linearity	0.1% Span
Hysteresis	0.05% Span
Repeatability	0.02% Span Typical
Pressure Overload	3x max.
Weight	0.25 kg / 0.54 lbs

Cable Specification

Conductors:	#20 AWG 10/30 stranded tinned copper, 0.038" Nom. Dia. 12.0 ohms or less per 1000' @ 20 deg. C Insulation = 0.018" Wall, Polypropylene, 0.074" nom. Dia.
Construction:	Jute Filler in core Four (4) conductors Black, Green, Red, and White #20 AWG 10/30 stranded tinned copper drain wire Aluminum/polypropylene tape (foil in) shield
Jacket:	0.035" Wall, High density polyethylene, Black Overall cable diameter = 0.271", +0.015/-0.010"
Voltage Rating:	300VDC
Markings:	None
Industry Approvals:	None
Spools:	1000' spools, no discontinuous spools
Hanging Length:	Approx. 1000' maximum with appropriate cable grip