



an INFINIT® brand

Level Transmitter, 0-50mH2O/OIL 0.5-4.5V out, Stainless 304, 55m Polyethylene



## LT989 Series IOT Pressure Sensors Technical Data Sheet

LT989W-50M55V6K22

### Features

- Level range 0-50 meters
- Sensor housing IP68
- Isolated construction, enable to measure various media
- Stainless steel

### Applications

- Industrial process control
- Liquid level measurement
- Chemical industries
- Water and Waste Management
- Mining

### Description

LT989W-50M55V6K22 is a highly stable, reliable and fully sealed submersible level transmitter. LT989W-50M55V6K22 level transmitter comes in a compact size, and is lightweight and stable. It can be used to measure liquid levels for many applications in metallurgy, mining, chemicals, water supply and waste management.

### Product Configuration

Application: Level Transmitter  
 Pressure Type: Gauge

### General Specifications

Description	Minimum	Typical	Maximum	Unit
Level Range	0		50	mH2O/OIL
Accuracy		±0.5		%Full Scale
Zero Thermal Error		±0.02		% Full Scale/°C
Span Thermal Error		±0.05		% Full Scale/°C
Long Term Stability		±0.2		%Full Scale/year
Overpressure		1.5		xFull Scale

### Electrical Specifications

Description	Minimum	Typical	Maximum	Unit
Output Signal		0.5-4.5V		
Power Supply/Excitation Level		5		VDC
Output Load	10,000			Ohms

### Material Specifications

Description	Material
Diaphragm	Stainless Steel 316L
Plug Housing	Stainless Steel 304



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Tubing	NBR
O-Ring	Viton

### Mechanical Specifications

#### Electrical Connection

Wire Color	3-Wire
Black	+V
Red	+OUT
White	GND

### Environmental Specifications

Temperature (Operating)	-10°C to 70°C
Temperature (Storage)	-20°C to 85°C
Certifications	ROHS Compliant CE Compliant

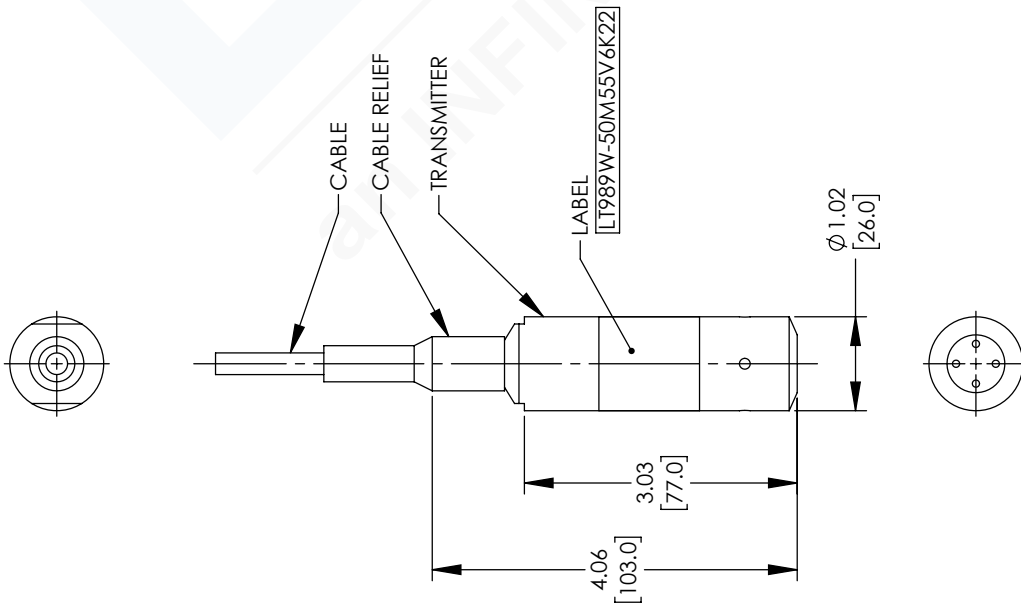
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# LT989W-50M55V6K22 CAD Drawing

Level Transmitter, 0-50mH2O/OIL 0.5-4.5V out, Stainless 304, 55m Polyethylene

REV		REVISIONS		DATE	APPROVED
DESCRIPTION					
A	INITIAL RELEASE			05/24/2019	TOA



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THIRD-ANGLE PROJECTION		SIZE [CAGE] A 43321		PART NUMBER LT989W-50M55V6K22	
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