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Level Transmitter, 0-100mH2O/OIL 4-20mA out, 11-28V, Stainless 304, 105m Polyethylene



LT989W Series IOT Pressure Sensors Technical Data Sheet

LT989W-100M105V1E22

Features

- Level range 0-100 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-100M105V1E22 is a highly stable, reliable and fully sealed submersible level transmitter. LT989W-100M105V1E22 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		100	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		4-20mA		
Power Supply/Excitation Level	11	24	28	VDC

Material Specifications

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



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O-Ring

Viton

Mechanical Specifications

Electrical Connection

Wire Color	2-Wire
Black	+V
Red	0V/+OUT
White	GND

Environmental Specifications

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

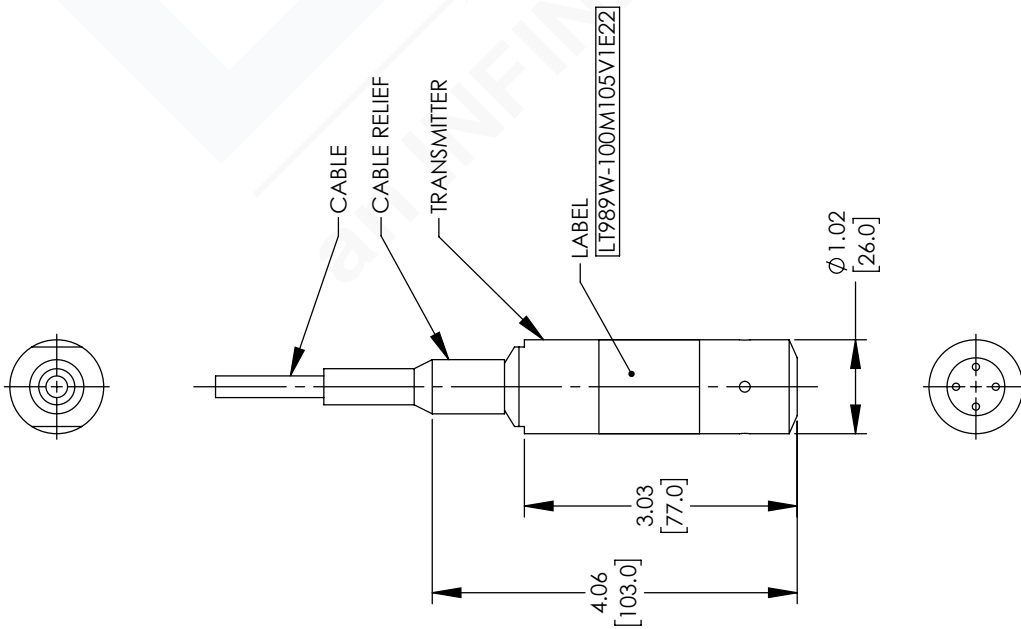
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LT989W-100M105V1E22 CAD Drawing

Level Transmitter, 0-100mH2O/OIL 4-20mA out, 11-28V, Stainless 304, 105m Polyethylene

REVISIONS		DATE	APPROVED
REV	DESCRIPTION		
A	INITIAL RELEASE	05/23/2019	TOA



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