

Pressure Transmitter, 0-30psi, 0.5-4.5V out, 5V, NPT1/2 M, DIN 43650, Plug, Gauge



PT989 Series IOT Pressure Sensors Technical Data Sheet

PT989-30PV6K22B1C10G

Features

- Pressure range 0-30psi
- Gauge pressure transmitter
- Constant current / Constant Voltage power supply
- Isolated construction, enable to measure various media
- Stainless Steel
- Reverse polarity protection
- Short protection

Applications

- Industrial process control
- Gas, liquid pressure measurement
- Gasoline, petroleum and chemical industries
- Water management

Description

PT989-30PV6K22B1C10G is a highly stable and reliable pressure transmitter with span and zero correction. PT989-30PV6K22B1C10G pressure transmitter comes in a compact size, and is lightweight and stable. It can be used to measure pressure levels for many applications in metallurgy, mining, chemicals, water supply and waste management.

Product Configuration

Application:	Pressure Transmitter
Pressure Type:	Gauge
Electrical Connector:	DIN 43650
Process Connector:	NPT1/2 Male

General Specifications

Description	Minimum	Typical	Maximum	Unit
Pressure Range	0		30	psi
Accuracy		±0.5		%Full Scale
Zero Thermal Error			±0.03	% Full Scale/°C
Span Thermal Error			±0.03	% Full Scale/°C
Compensated Temp Range	0		50	°C
Long Term Stability			±0.3	%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	Ω



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Material Specifications

Description	Material
Diaphragm	Stainless Steel 316L
Plug Housing	Plastic
Tubing	Stainless Steel 304
Pin	Kovar
O-Ring	Viton

Mechanical Specifications

Electrical Connection

Transmitter connects with the outer circuit through DIN 43650 plug.

Pin	3-Wire
1	+V
2	GND
3	Signal: +OUT

Environmental Specifications

Temperature (Operating)	-30°C to 80°C
Temperature (Storage)	-40°C to 120°C
Ingress Protection	IP65
Certifications	ROHS Compliant CE Compliant

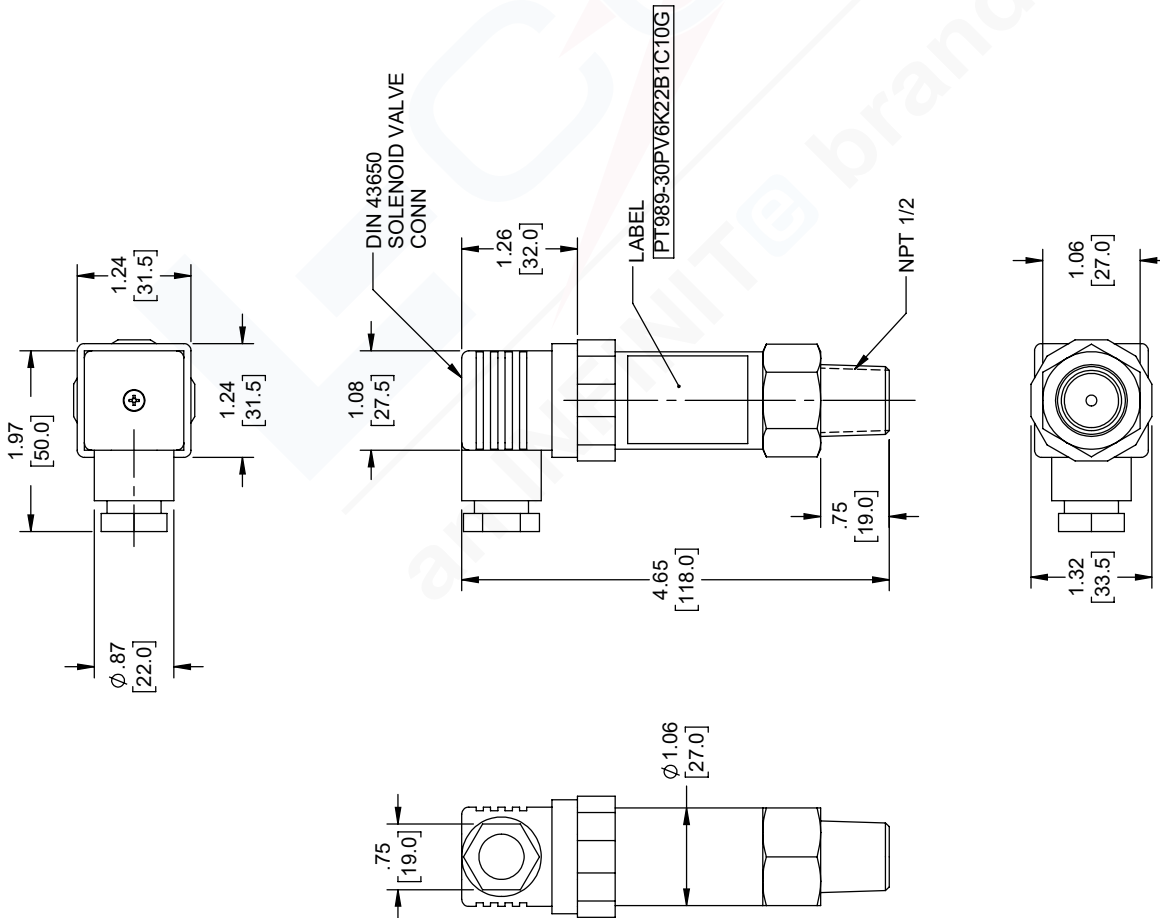
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PT989-30PV6K22B1C10G CAD Drawing

Pressure Transmitter, 0-30psi, 0.5-4.5V out, 5V, NPT1/2 M, DIN 43650, Plug, Gauge

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	05/29/19	TOZA



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<p>L-com an INFINITI brand</p> <p>50 High Street, West Mill, 3rd Floor, Suite #30 North Andover, MA 01845 USA Phone: 1.800.341.5266 1.978.682.6936 Fax: 1.978.689.9484 www.L-com.com e-mail: CustomerService@L-com.com</p>		<p>SIZE [CAGE] A 43321</p>	<p>DRAWN BY DZINN</p>
<p>PT989-30PV6K22B1C10G</p>		<p>PART NUMBER PT989-30PV6K22B1C10G</p>	<p>REV A</p>

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