

PRESSURE TRANSMITTERS FOR LIQUIDS PTL SERIES

The PTL is a pressure transmitter for pressure detection in liquids for air-conditioning, heating and water systems. Suitable for plants that use refrigerants.



MODEL SUMMARY

Description	Model	Product code	Measurement range (bar)
Pressure transmitter for liquids, voltage output	PTL4/V	112.001.001	0...4 bar
Pressure transmitter for liquids, voltage output	PTL6/V	112.002.001	0...6 bar
Pressure transmitter for liquids, voltage output	PTL10/V	112.003.001	0...10 bar
Pressure transmitter for liquids, voltage output	PTL16/V	112.004.001	0...16 bar
Pressure transmitter for liquids, voltage output	PTL25/V	112.005.001	0...25 bar
Pressure transmitter for liquids, current output	PTL4/A	112.001.002	0...4 bar
Pressure transmitter for liquids, current output	PTL6/A	112.002.002	0...6 bar
Pressure transmitter for liquids, current output	PTL10/A	112.003.002	0...10 bar
Pressure transmitter for liquids, current output	PTL16/A	112.004.002	0...16 bar
Pressure transmitter for liquids, current output	PTL25/A	112.005.002	0...25 bar

PRESSURE TRANSMITTERS FOR LIQUIDS

PTL SERIES

SPECIFICATIONS

Performance

Accuracy (typ. %/FS):
(temperature: -20...85 °C)
±1.0 %

Overload range:
1.5 times full scale

Bursting pressure:
3.0 times full scale

Technical Specifications

Pressure type:
relative pressure

Measuring units:
bar

Environment:
Ambient temperature: -35...105 °C
Temperature of medium: -40...125 °C

Physical

Measuring element:
Ceramic sensing element
Pressure connectors:
pressure G1/4", coupling G1/4"-G1/2"

Electrical

PTL with current output:
Supply voltage: 10...30 VDC
Output signal: 4...20 mA, max load 800 ohm / 24 VDCmA

PTL with voltage output:
Supply voltage: 15...24 VDC / 24 VAC (±10 %)
Output signal: 0...10 V, min load 5 kOhm

Conformance

Meets requirements for CE marking:
EMC Directive 2014/30/EU
RoHS Directive 2011/65/EU
WEEE Directive 2012/19/EU

COMPANY WITH
MANAGEMENT SYSTEM
CERTIFIED BY DNV GL
= ISO 9001 = ISO 14001 =



HOW TO GENERATE A MODEL?

Example: PTL-4-V	Product series			
	PTL	Pressure transmitters for liquids		
		Measuring range (bar)		
		-4	0...4	
		-6	0...6	
		-10	0...10	
		-16	0...16	
		-25	0...25	
			Output	
			-V	Voltage
			-C	Current
Model	PTL	-4	-V	