

## PRESSURE TRANSMITTER for LIQUID PTL

112.xxx.xxx



### Model summary

Type code - A for mA output - V for voltage output	Measuring range	Output signal	Accuracy typ. %/FS (temperature: -20...85°C)
PSL-4-V	0...4bar	0...10V	±0,7%
PSL-4-A	0...4bar	4...20mA	±0,7%
PSL-6-V	0...6bar	0...10V	±0,7%
PSL-6-A	0...6bar	4...20mA	±0,7%
PSL-10-V	0...10bar	0...10V	±0,7%
PSL-10-A	0...10bar	4...20mA	±0,7%
PSL-16-V	0...16bar	0...10V	±0,7%
PSL-16-A	0...16bar	4...20mA	±0,7%
PSL-25-A	0...25bar	0...10V	±0,7%
PSL-25-A	0...25bar	4...20mA	±0,7%

### Applications

For pressure detection in liquid mediums of the air-conditioning, heating and water technique. Suitable for plants with refrigerant.

## Technical data

Measuring element:	Stainless-steel diaphragm poly-Si on SiO <sub>2</sub> (thin-film resistor)
Pressure type	relative pressure
Over load range	double nominal pressure
Bursting pressure	triple nominal pressure
Pressure connectors	G1/4" or G1/2"
Ambient temperature	-40...105°C
Temperature of medium	-40...125°C
Output signal	4...20mA, max load (U <sub>in</sub> -12V)/20mA

## PTL xx A

Supply voltage	15...24VDC (±10%)
Output signal	4...20mA, max load 900ohm / 24VDC or

## PTL xx V

Supply voltage	15...24VDC (±10%) or 24VAC (±10%)
Output signal	0...10V, min load 5kOhm

## Norms and standards

CE-Conformity	89/336/EEC Electromagnetic compatibility 73/23/EEC Low voltage Directive
EMC	EN55022 EN61000-4-3
Resistance to shock-proof:	IEC 68-2-32
Resistance to vibrations:	IEC 68-2-06 and IEC 68-2-36

## Electrical connection

0...10V type



1: Out 0-10V  
2: GND  
3: Uv: 15-24V=

4...20mA Type



1: GND Out 4-20mA  
2: Uv: 15-24V=  
3: Uv: 15-24V=

## Dimensions

