



# Instruments & Controls

## PRESSURE TRANSMITTER for LIQUID

### PTL

112.xxx.xxx



### Applications

The PTL is a pressure transmitter for pressure detection in liquid mediums of air-conditioning, heating and water technique. Suitable for plants with refrigerants.

### 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 %

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### Tecnical 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 ÷ 20 mA, max load (U <sub>in</sub> -12 V)/20 mA

### PTL xx A

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

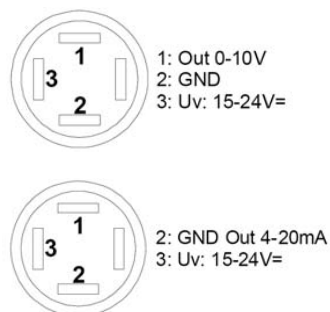
### PTL xx V

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

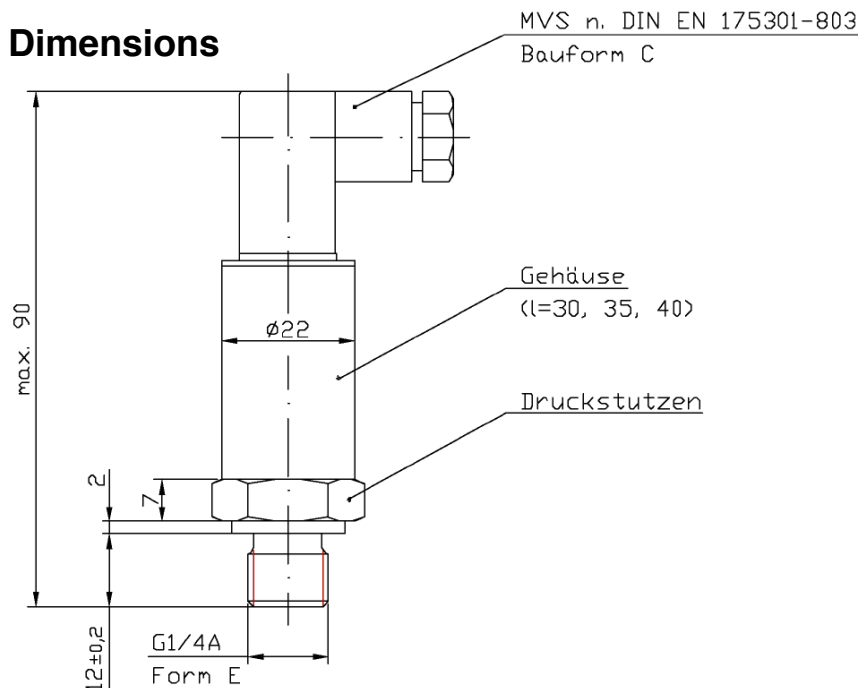
### Norms and standards

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



### Dimensions



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