

## Pressure Transducer for Water LX-PG-W-10

The pressure transducer (gauge) for water LX-PG-W-10 is designed with a single sensor that enables it to accept high pressures in the ranges of 0-1/2/5/10 bar. The product can handle overload pressure 2X the maximum full scale range and burst pressure 5X the maximum full scale range.

### Details

The product features include field selectable pressure ranges and output signal types for the most flexible applications. The output signal is factory calibrated and temperature compensated for the highest start-up accuracy.

Ensure that the maximum individual port pressure does not exceed the maximum pressure range of the unit.

### Order Codes

LX-PG-W-10

LX-PG-W-10-LCD (optional, with display)

- Four switch selectable pressure ranges
- Jumper selectable output types
- IP54 enclosure
- Pushbutton and remote zeroing terminal
- Uni-directional or bi-directional pressure range selection switch
- Normal or slow surge damping switch to prevent false alarms and reduce noise
- Output polarity reverse switch
- Backlit LCD (optional)



### Technical Data

Media Compatibility:	17-4 PH stainless steel
Input Power:	15 to 30 VDC / 24 VAC nominal
Supply Current @ 24 Vdc (max):	100 mA with LCD backlight, 35 mA LCD backlight disabled
Output:	3-wire transmitter; user selectable 4-20mA and 0-10V
Pressure Ranges:	0-1/2/5/10 Bar
Line Pressure:	Max. line pressure is the highest of the selectable ranges
Proof Pressure:	Max. 2X F.S. range
Burst Pressure:	Max. 5X F.S. range
Accuracy:	+/- 1% F.S. combined linearity, hysteresis, and repeatability. Range 4 accuracy +/- 2% F.S.
Pressure Cycles:	> 100 million
Surge Damping:	Normal 4-second averaging Slow 8-second averaging, switch selectable
Temperature Compensated Range:	0 to 55°C
Sensor Operating Range:	-40 to 105°C
Long Term Stability:	+/- 0.25% typical (1 year)
Zero Adjust:	Pushbutton auto-zero and digital input
Operating Environment:	0 to 50°C 10-90% RH non-condensing
Fittings:	1/8" NPT female
Enclosure:	127mm x 127mm x 57mm
Shock:	100G, 11 mSec, 1/2 sine
Vibration:	20G peak 20 to 2400 Hz
Rating:	IP65
Manufacturing Process:	ISO9001