

Pressure Sensor, compact, 8 MPa, 4-20mA, G1/4, 1.5m cable



## PT211A-207DW Pressure Sensor

### Features

- Advanced Microfused Silicon Strain Gauge
- Efficient lightning protection
- Strong RFI&EMI protection
- Advanced digital temperature compensation
- Wide working temperature range
- High accuracy, high frequency response
- Compact design
- Cost effective

### Applications

- Industrial process control
- Automatic testing system
- Hydraulic and pneumatic systems
- Pump station and water treatment system
- Industrial machinery

### Description

The PT211A-207DW from L-com is a gauge-style pressure sensor with a 8 MPa maximum pressure range. This pressure sensor has a 4-20 mA output with 1.5 meter cable electric connection. This 8 MPa sensor is powered by DC voltage ranging from 9 to 30 VDC. Our pressure sensor has an IP65 ingress protection rating. Make your online purchase right now to take advantage of our same-day shipping.

### General Specifications

Application: Pressure Sensor  
Pressure Type: Gauge  
Electrical Connector: 1.5 meter cable  
Process Connector: G1/4  
Output Signal: 4-20 mA

| Description            | Minimum | Typical | Maximum | Unit         |
|------------------------|---------|---------|---------|--------------|
| Pressure Range         | 0       |         | 8       | Mpa          |
| Accuracy               |         | ±0.5    |         | % Full Scale |
| Compensated Temp Range | -10     |         | 70      | deg C        |
| Overpressure           |         | 300     |         | % Full Scale |
| Destruction Pressure   |         | 500     |         | % Full Scale |
| Long Term Stability    |         | 0.2     |         | % Full Scale |
| Temperature Range      | -40     |         | 85      | deg C        |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:  
[Pressure Sensor, compact, 8 MPa, 4-20mA, G1/4, 1.5m cable PT211A-207DW](#)

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### Electrical Specifications

| Description                   | Minimum | Typical | Maximum | Unit |
|-------------------------------|---------|---------|---------|------|
| Power Supply/Excitation Level | 9       | 24      | 30      | VDC  |

### Material Specifications

| Description | Material    |
|-------------|-------------|
| Housing     | SS (17-4PH) |

### Mechanical Specifications

RoHS Compliant Yes

### Environmental Specifications

Temperature (Operating) -40deg C to 85deg C  
 Temperature (Storage) -40deg C to 125deg C  
 Shock 100 g  
 Ingress Protection IP65

The Infinite Electronics portfolio includes coaxial cable assemblies, connectors, adapters and custom products, as well as our wireless product line which includes antennas, RF amplifiers, lightning and surge protectors, and NEMA rated enclosures.

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. L-com reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. L-com does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and L-com does not assume any liability arising out of the use of any part or documentation.

# PT211A-207DW CAD Drawing

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