



## Pressure transducers for refrigeration applications.

- Accurate and repeatable output
- Selected and tested for refrigeration applications
- Robust design
- Rated to IP65
- Suitable for all common refrigerants including ammonia
- One pressure range
- Fully compensated and calibrated



Within the refrigeration environment, transducers are subjected to rapid pressure and temperature changes and have to operate in a harsh environment. JTL's PTn-I-GE transducers have been carefully selected and tested to ensure long term accurate and repeatable readings.

Electrical connections are made inside a mini-DIN plug assembly, with integral cable glanding, to facilitate easy removal during testing and service.

The PTn-I-GE is a high gain strain gauge device with an 4-20 mA output. All devices in the range measure gauge pressure.

## Technical Specification

|   |                   |
|---|-------------------|
| Ambient temperature operating range ..... | -40°C to +125°C   |
| Height with mini-DIN plug .....           | 70 mm             |
| Width with mini-DIN plug .....            | 37 mm             |
| Height without mini-DIN plug .....        | 47 mm             |
| Width without mini-DIN plug .....         | 19 mm             |
| Electrical connections (DIN 43650) .....  | N/C, (+VE), (-VE) |
| Mechanical connections .....              | 1/8" - 27 NPT     |
| Type .....                                | GEMS 3300         |

## Ordering Information

|                   |              |
|-------------------|--------------|
| PT08BA-I-GE ..... | -1 to +7 bar |
|-------------------|--------------|

Doc No. 04505-PTn-I-GE.pmd Issue 1 June 2015

### JTL Systems Limited

|                          |         |                        |
|--------------------------|---------|------------------------|
| Head Office              | Newbury | tel: 44 (0)1635 263646 |
| Technical Support Centre | Newbury | tel: 44 (0)871 3157535 |
| Monitoring Centre        | Newbury | tel: 44 (0)871 3157531 |