



CONTROL SYSTEMS

PTn-GC Pressure Transducer Range



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
- Three 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-GC 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-GC is a high gain strain gauge device with an 1-6 V output. All devices in the range measure gauge pressure.

Technical Specification

Ambient temperature operating range	-40°C to +105°C
Height with mini-DIN plug	78 mm
Width with mini-DIN plug	37.15 mm
Height without mini-DIN plug	51 mm
Width without mini-DIN plug	19 mm
Electrical connections (DIN 43650)	N/C, (+VE), (-VE)
Mechanical connections	1/8" - 27 NPT
Type	GEMS 3100

Ordering Information

PT1-GC	0 to 100 psi
PT1A-GC	-15 to +85 psi
PT3-GC	0 to 300psi

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