SAFETY

Please read the following instructions carefully before installing the pressure transducer. The guarantee is invalid in respect of damage resulting from non-observing of the instructions, incorrect handling or inappropriate use. We accept no responsibility for consequential damages resulting from any of the above.

The device must be installed and dismantled only by qualified personnel.

The relevant country-specific safety regulations must be observed.

The customer must ensure compliance with device specific requirements relating to the protection standard.

All products are designed and manufactured in accordance with Sound Engineering practice as defined by the Pressure Equipment Directive 97/23/EC.

All products with the CE Mark conform with the essential protection requirements of the EMC Directive 89/33/EEC amended by certified type testing to EN50082-2 and EN50081-1.

All products with the CE0086 Mark also comply with the requirements of the Pressure Equipment Regulations 1999 and are classed as Safety Accessories and can be used as safety related devices on Category IV pressure equipment.

No other product should be used as “Safety Accessories” as defined by the PED Article 1, Paragraph 2.1.3.

Note: In addition, the information in the Operating and Installation Instructions for all individual types must be observed.

UNPACKING

The transducers are delivered in product specific packaging that offer excellent protection under normal transport conditions. Please check the packaging for any signs of damage.

Remove the transducers carefully from the packaging without applying force.

GENERAL

Transducers should not be subjected to greater than maximum allowable pressure (P .S) / Temperature (T.S) where defined on the transducer label.

Transducer should not be subjected to mechanical impact.

In the event of fire the end user must ensure that the system pressure is vented to a safe area.

The effects of decomposition of unstable fluids should be considered by the user when placing the device in service.

The transducer has no means of draining or venting, this must be performed by another component in the end users system.

Pressure range must be compatible with the maximum pressure being measured.
GENERAL cont.

Pressure media must be compatible with the transducer wetted parts listed in these instructions.

Liquid must not be allowed to freeze in the pressure port.

The gasket must be fitted under the electrical connector.

MECHANICAL INSTALLATION

The transducer is designed to be attached by the coupling thread only.

Omni-directional, self supported directly into the pipework.

Observe the maximum torque of: 15.8Nm.

The customer must ensure that the pressure seal is suitable for the application.

ELECTRICAL INSTALLATION

All Ex certified products must be installed in accordance with the Accompanying Instructions.

See individual product labels for supply data, output data and wiring details.

The cable screen must be connected to the instrumentation earth.

OPERATION

Having installed the transducers as instructed, they are ready to use. The transducer should not be removed whilst the system is at pressure. Before applying power, check that the correct polarity and excitation levels are being supplied.

OPERATIONAL LIFE

Limited to: 100M

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**Repair**

These devices are not field repairable and should be returned to the factory if recalibration or other service is required. After first obtaining a Returned Goods Authorization (RGA) number, send the unit freight prepaid to the following. Please include a clear description of the problem plus any application information available.

Dwyer Instruments, Inc.
Attn: Repair Department
102 Highway 212
Michigan City, IN 46360