

EC Declaration of Conformity

for

Pressure Transducers ADZ-SML Ex Zone 2/22 Series

We hereby declare that the above referenced pressure transducers are in compliance with the provisions of the Electromagnetic Compatibility (EMC) Directive 04/108/EC regulating the electromagnetic compatibility and of the Directive 2014/34/EU for equipment in explosive atmospheres. Pressure transducers are electronic devices powered by low voltage. They convert physical dimensions of pressure into an electric signal (power or voltage). These pressure transducers are maintenance-free. Due to its construction and extremely low power requirements, there are no residue dangers.

The parts are market with:

II 3G Ex nA IIC T6 Gc X (-10 .. +55°C)
II 3D Ex tc IIIC T85°C Dc X

The pressure transducers shall only be installed by qualified personnel according to the instructions for installation. The local safety requirements and standards are to be observed.

Generic standards:

- **Explosion protection directions:**
 - EN 60079-0:2014 Electrical equipment for explosive atmospheres
 - EN 60079-15:2010 Equipment protection by type of protection "n"
 - EN 60079-31:2010 Equipment dust ignition protection by enclosure "t"
- **Emission:**
 - EN 61000-6-3 8/02 Emission for ISM areas
 - related standards:
DIN EN 55011 / 05.2000
- **Safety:**
 - EN 61010-1 8/02 Safety standards for electric measuring, control and laboratory equipment

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