
Piezocon Sensor IECEx Special Conditions of Safe Use

Revision History

Date	Rev.	Description	By
05/06/2019	A	Initial Release	K.Karkala
08/13/2019	B	Add additional Condition: "The Sensor can only be used with PZ3* Controllers"	K.Karkala

Table of Contents

Revision History..... 2

Table of Contents 3

Special Conditions for Safe Use for PZN Sensor..... 4

Special Conditions for Safe Use for PZN Sensor

1. The equipment shall be installed in an enclosure that provides a minimum ingress protection of IP 54 in accordance with IEC 60079-0
2. The equipment shall only be used in an area of at least pollution degree 2, as defined in IEC 60664-1.
3. The Apparatus is not capable of withstanding the 500V insulation test required by Clause 9.4 of EN 60079-15 2005. This must be taken into account when installing the apparatus
4. The apparatus must be bonded to a suitable earth in accordance with the relevant codes of practice and must have an equipotential bonding conductor to the Piezocon Controller
5. The Sensor must be installed in a properly Exhausted or N2 purged cabinet
6. The Sensor can only be used with PZ3* Controllers