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CE Marking

Low Voltage Directive:

Mid-West Instrument Products that are CE marked are marked in compliance to the Low Voltage Directive and are third party evaluated to EN-61010-1 (Safety Requirement for Electrical Equipment for Measurement Control and Laboratory Use).

ATEX Directive:

The Model 220 and 240 product families are available with CE marking in compliance with the ATEX directive as defined by Directive 94/9EC. These products are rated Ex d IIB + H2 with IP65 environmental rating.

As of the date identified below, these are the only Mid-West Instrument products CE marked to the ATEX directive.

Simple Apparatus:

Many of Mid-West Instrument's differential pressure switches can be classified as Simple Apparatus per the definition stated in EN50020. Per the agreed interpretation by CENELEC sub-committee SC31-3, simple apparatus is considered not to require certification by a notified body. However, the responsibility for compliance with the relevant parts of EN50020 rests with the persons claiming compliance, who may be a manufacturer or user. Therefore, until Mid-West Instrument performs an evaluation to the relevant portions of the applicable standards, claiming our products as "simple apparatus" for use in an intrinsic safe system will lie with the end user. The end user shall also be responsible for clearly identifying the product as "simple apparatus".

Pressure Equipment Directive:

The products manufactured by Mid-West Instrument have very small internal volumes. The small internal volumes result in Mid-West Instrument products falling below category I for non-hazardous gases, hazardous liquids, and non-hazardous liquids. They also fall below category I for hazardous gases at or below pressures of 200 bar. Per article 3, paragraph 3 these products shall not bear the CE marking and shall be designed and manufactured with "sound engineering practice". Our sound engineering practice is supported by our quality system in accordance with CSA B51-97 third party certified by QMI.

Applications for hazardous gases at pressures above 200 bar will require evaluation to both the ATEX and Pressure Equipment Directives which may be performed in the future.