Knowledge base

Pressure gauge - phenolic gauge

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When should a phenolic pressure gauge be used?

- Phenolic pressure gauges are generally used within aggressive environments such as chemical and petrochemical processing, food and beverage processing industries, plastic and paper manu facturing plants, oceanographic engineering, and various other engineering projects.

- The gauges are built to resist the most server conditions, including those environments created by Hydrogen Sulfide and for fluids which have a high viscosity and do not crystalise.

- However, it is recommended that phenolic gauges are used within an ambient temperature of -40°C to +70°C.

What are the characteristics of a phenolic pressure gauge?

- Phenolic pressure gauges are characterised by a durable phenolic case.

- They are generally manufactured with stainless steel wetted parts that provide corrosion resistance. However, brass internals are also available.

- Phenolic gauges have a high level of operator safety. The safety design consists of a solid wall between the pressure sensing element and window, and often a blowout back which protects the user from fluid and particles in the event of failure.

- The gauges can also be filled with a dampening fluid (such as glycerine) that prevent condensation and corrosive atmospheres from damaging the internal parts.

- Most phenolic pressure gauges have a micro adjustable pointer, allowing for pointer adjustment when the zero is incorrect.

For more information about any of our pressure gauges, please contact **sales@brannan.co.uk**.