



Pressure Gauge Accessories Dampened Movement

Accessories, Mechanical

Application

The WIKAI Dampened Movement is intended for gauges installed in vibration and pressure pulsation applications. It meets all specifications that are found on standard Process Gauges of equivalent material. For the maximum life cycle, WIKAI recommends a liquid filled gauge to protect against vibration and wear. However, certain applications or regulations, may require the Dampened Movement system. Typical of these applications are industries with strict environmental controls or maintenance philosophies that have restricted the use of Liquid Filling. The Dampened Movement option is a solution for these installations.

Operating Principle

The WIKAI Dampened Movement uses a unique capsule that is connected to the end of the pointer shaft movement. The capsule has an inner drum that rotates inside the capsule housing on a thin film of silicone grease. The thin film of grease provides the correct dampening to eliminate pointer vibration. The capsule housing keeps the dirt out and the silicone grease in for trouble free movement.

Advantages

- Dampens vibration and pulsation
- Easy to read pointer
- Eliminates costly case fills
- No liquid to leak out
- Temperature range same as dry gauge.

Operating Temperature

Ambient: max. 140° F (60° C)
min. -40° F (-40° C)



Materials

- Stainless steel outer capsule
- Brass inner drum
- Dampening media is silicone grease (0.12 g)

Available Options

Use oxygen safe lubed movement in gauges cleaned for use in oxygen service - (consult factory for details)

THE MEASURE OF

Total Performance™

Ordering Information:

State computer part number (if available) / model number / size / range / connection size and location / options required.

Specifications given in this price list represent the state of engineering at the time of printing. Modifications may take place and the specified materials may change without prior notice



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