## HIGH TEMPERATURE 5 VDC OUTPUT PRESSURE TRANSDUCER

ETM-HT-375 (M) CO SERIES

- 5 VDC Output
- 350 ${ }^{\circ}$ F Temperature Capability
- All Welded Construction
- Hybrid Microelectronic Regulator-Amplifier
- Secondary Containment On Absolute And Sealed Gage Units
- Flush Diaphragm
- 3/8-24 UNJF or M10 X 1 Thread
- Silicon on Silicon - 3 Wire Integrated Sensor VIS ${ }^{\circledR}$

ETM-HT-375(M) CO Series transducers are miniature, threaded flush diaphragm instruments. They utilize a flush metal diaphragm as a force collector. Force is transferred to a solid state piezoresistive sensing element via a thin intervening film of non-compressible silicone oil. This sensing sub-assembly is protected from mechanical damage by a solid screen which has been

shown to have minimal influence on the frequency response of the sensor. For applications where a true flush diaphragm is needed, Kulite will supply these transducers without the screen. Incorporation of a Kulite proprietary electronics module within the main body of this product allows for operation from an unregulated power supply of $12 \pm 4 \mathrm{VDC}$ or $28 \pm 4$ VDC. Standard output is a stable, low noise 0 to 5 VDC signal.


Note: Custom pressure ranges, accuracies and mechanical configurations available. Dimensions are in inches. Dimensions in parenthesis are in millimeters. All dimensions nominal. (D)
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Kulite miniature pressure transducers are intended for use in test and research and development programs and are not necessarily designed to be used in production applications. For products designed to be used in production programs, please consult the factory.

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