## MINIATURE 5VDC OUTPUT <br> PRESSURE TRANSDUCER

ETM-500-375(M)

- Smallest High Performance Amplified Transducer Worldwide
- Rugged Design Provides Compatibility With Most Corrosive and Conductive Media
- High Over Pressure Capability
- Designed and Engineered For Severe Environmental Conditions
- Silicon on Silicon Integrated Sensor VIS ${ }^{\circledR}$

The ETM-500-375M is one of the newest generation of Kulite standard smallest miniature amplified transducer currently available. The metal flush diaphragm is used as a force collector. Force is transferred to a solid-state piezoresistive sensing element via thin intervening film of non-compressible silicon oil. This sensing sub-assembly is protected

from mechanical damage by a protective screen, which has been shown to have minimal influence of the frequency response of the sensor. Incorporation of a Kulite proprietary electronics module within the main body of this product allows for operation from an unregulated power supply ranging from 8 to 16 VDC.



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[^0]:    Note: Custom pressure ranges, accuracies and mechanical configurations available. Dimensions are in inches. Dimensions in parenthesis are in millimeters. All dimensions nominal. (B) Continuous development and refinement of our products may result in specification changes without notice. Copyright © 2019 Kulite Semiconductor Products, Inc. All Rights Reserved. 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.

