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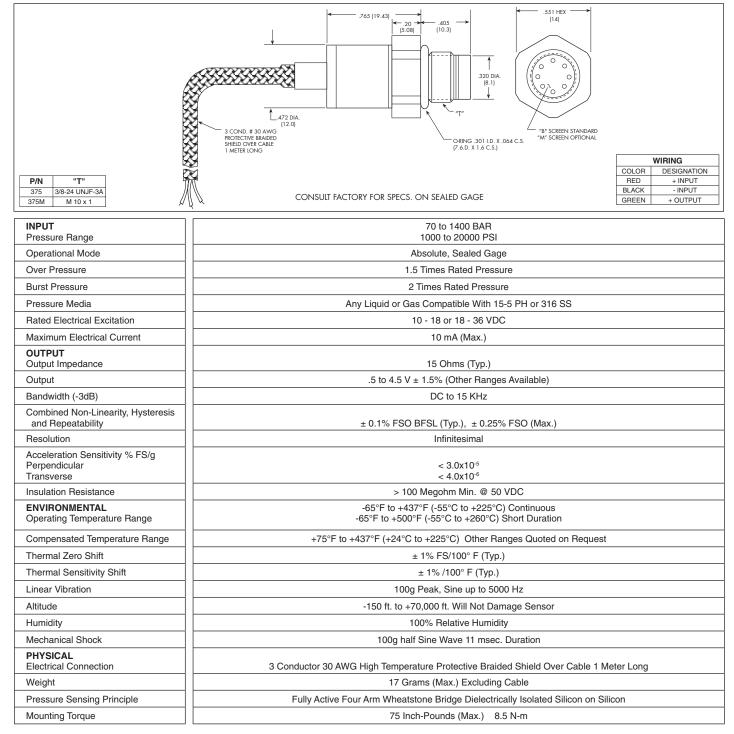
## ULTRA HIGH TEMPERATURE AMPLIFIED MINIATURE IS® PRESSURE TRANSDUCER

- ETM-UHT-375(M)
- Smallest High Performance Amplified Transducer Worldwide
- Highest Temperature Electronics 500°F (437°F continuous)
- Rugged Design Provides Compatibility With Most Corrosive and Conductive Media
- High Over Pressure Capability
- · High Bandwidth
- Aerospace and Downhole Quality Components
- · Designed and Engineered For Severe Environmental Conditions

The ETM-UHT-375M is one of the newest generation of Kulite standard, smallest ultra high temperature miniature amplified transducer currently available. The device incorporates Silicon on Insulator (SOI) Sensor and Electronics, thus enabling operation up to  $500^{\circ}$ F (437°F continuous). The metal flush daphragm is used as a force collector. Force is transferred to a solid-state piezoresistive sensing element via thin intervening film of



non-compressible silicone 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 Kulite proprietary high temperature 500°F (437°F continuous) electronics within the main body allows for operation from an unregulated power supply of 10 to 36 VDC.



Note: Custom pressure ranges, accuracies and mechanical configurations available. \_ Dimensions are in inches. Dimensions in parenthesis are in millimeters. Continuous de Sub Sch E and the par //www.senson.ini second in Longe 9755+83376489m=Axon 9755+83376182 E-MAIL: szss20@163.com KULITE SEMICONDUCTOR PRODUCTS, INC. • One Willow Tree Road • Leonia, New Jersey 07605 • Tel: 201 461-0900 • Fax: 201 461-0990 • http://www.kulite.com