

TP2012 PRESSURE MODULE

MEMSCAP
THE POWER OF A SMALL WORLD

TP2012 001A 01 is a customer specified version of TP2000. It consists of TP2000 calibrated towards a customer defined specification assembled with a stainless steel pressure port. The device is qualified for operating temperatures between -40°C and 100°C with a full scale range of 2000mBar. To be able to achieve the customer requirements it is necessary to calibrate the unit in a double calibration sequence. This gives also a double set of coefficients to be used in the compensation function. Reliability predictions as per MIL-HDBK-217F exhibit Mean Time Before Failure values between 10 years and 200 years under the most strict mission profiles. These values include reliability models for sensor, PCB with components and connector.

