

EC Declaration Of Conformity

Tapeswitch Corporation hereby certifies that the product(s) identified below conform(s) to the essential health and safety requirements of the European Machinery Directive 2006/42/EC and that the Conformity Procedures specified in Article 12 (1) and Annex VIII of the Directive have been fully completed.

Technical File: Sensing Edges & Sensing Bumpers when used with Tapeswitch Corporation PSSU-1, PSSU-2, PSSU-3, PSSU-4, PRSU-2, PRSU-4, PRSU-5 and PCU control units.

Product(s): Tapeswitch Sensing Edges TS-3, TS-6, TS-8, TS-16, TS-18, TS-26, TS-46, TS-47, TS-48, TS-57 & TS-67. Sensing Bumpers SE-45 & SE-75

Tested in Accordance with: BS EN 1760-2:1998 Safety of machinery. Pressure sensitive protective devices. General principles for the design and testing of pressure sensitive edges and pressure sensitive bars.

BS EN ISO 13849:2008 Safety of machinery. Safety-related parts of control systems. General principles for design.

The sensing edge(s) mentioned above achieve PLd when used with Tapeswitch Corporation PSSU-1, PSSU-2, PSSU-3, PSSU-4, PRSU-2, PRSU-4, PRSU/5, PCU and the system has a PFH_d of 1.03×10^{-7}

As a component alone the sensing edge(s) have a B_{10} value of 5.6×10^6 cycles.

The determine key figure MTTFd of TS edges alone with integrated Tapeswitches = 213 years.

Signed



Patrick Falbo, President of Tapeswitch Corporation

Manufactured By :
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