

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 EN ISO 13856-2:2013 Safety of machinery. Pressure sensitive protective devices.

General

Accordance

with:

principles for the design and testing of pressure sensitive edges and pressure sensitive bars.

EN ISO 13849-1:2015 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

Signed



Patrick Falbo, President of Tapeswitch Corporation

Manufactured By :
Tapeswitch Corporation
100 Schmitt Blvd
Farmingdale, NY 11735

