



Nederlands Meetinstituut

# Certificate

Number 10016193

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**Applicant** S-Products b.v.  
P.O. Box 33  
2760 AA Zevenhuizen  
The Netherlands

**Testobject** Temperature transmitter  
manufacturer : S-Products  
type : RT81000, RT82000 and RT83000

**Test method** The testobject is tested for its immunity to Vibration (sinusoidal) according to IEC publication 68-2-6 "fifth edition, 1982", Basic environmental testing procedures, part 2 : Tests, test Fc : Vibration (sinusoidal) level 2.

The vibration (sinusoidal) is additionally tested in three different directions at 1 octave/minute, in the frequency range of 10-150 Hz with a max. acceleration level of 10 m.s<sup>-2</sup> and a number of 20 sweep cycles per axis.

#### Performance criteria

The test object passes the vibration-test successfully only if the following responses are observed when it is exposed to the prescribed vibrations:

1. a normal performance within the specification limits;
2. a temporary degradation or loss of function or performance which is selfrecoverable;
3. a temporary degradation or loss of function or performance which requires operator intervention or system reset.

**Test date** 17 November 1993

**Results** The test object proved to be immune to the sinusoidal vibration according to IEC publication 68-2-6 (severity level 2).

**Traceability** The measurements have been executed using standards for which the traceability to primary standards has been demonstrated.

**Dealt with by**

R. Versluis

Delft, 17 December 1993  
NMI Certin/B.V.

Ing. W.A.C.M. van Leeuwen  
Manager Productcertification Electronics &  
Mechanics

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