

MTTF – SIL requirement

We / Wir / Nous **BETA B.V. , Verrijn Stuartlaan 22, 2288 EL Rijswijk, The Netherlands**

Declare under our sole responsibility that the product,

Erklären in alleiniger Verantwortung, dass dieses Produkt,

Déclarons sous notre seule responsabilité que le produit,

Description Pressure & Temperature Switches BETA
Beschreibung **C-, W-, V-, Z-, series**
Description **Piston – diaphragm operated switches**

To which this declaration relates is in conformity with the following standard(s) or other normative document(s).

Auf welches sich diese Erklärung bezieht, mit der/den folgenden Norm(en) oder Richtlinie(n) übereinstimmt.

Auquel se réfère cette déclaration est conforme à la (aux) norme(s) ou au(x) document(s) normatif(s).

Directive **IEC 61298-3 §23**

Richtlinie **IEC 60947-1**

Directive **IEC 60947-5-1**

Failure rate = 0,0201456394 fmpH MTTF = 49,638534 Mhrs

Take note of the following :

- these numbers are preliminary , further detailing and consultation with KEMA or other third party still has to be concluded.
- these figures are based on our interpretation of the respective IEC directives and can change due to aforementioned detailing and consultation.
- these numbers are based on the production output of the last 14 years against the returns in the same period stripped down to returns due to factory accepted defects within the warranty period.

From these data no conclusions on dangerous losses and the probability of occurrence can be concluded for the safety integrity level with the application of the pressure switch, since this Declaration of Conformity can only be issued officially and finally after clarification with KEMA or other third party, confirming our calculations and interpretations of SIL related standards.

Other standards **0281-1-1 : September 1998+A1**
Andere Normen **IEC 60529 - 1989**
Autre normes **94/9/EC-ATEX equipment**

Certifications **ISO 9001:2000 Certificate NL07/0101 QA**
Zertifizierungen
Certificates

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Declaration of Conformity in accordance with ISO / IEC 17050-1 Annex A.