MTBF - Declaration

ABB Automation Products GmbH
Borsigstraße 2
63755 Alzenau

defines the following

Device: Temperature transmitter

Type: TH02, TH02-Ex, TH102, TH102-Ex, TH202, TH202-Ex
       TH02-Ex N, TH102-Ex N, TH202, Ex N

Productnumber: 11518-x-xxx... 11517-x-xxx... 11523-x-xxx

MTBF = 29 years for 60 °C ambient temperature
MTBF = 115 years for 40 °C ambient temperature
MTBF = 230 years for 30 °C ambient temperature

The MTBF for Temperature Transmitter was calculated by using the PARTS-COUNT method.

The real MTBF-value is greater than calculated MTBF-value.

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ABB Automation Products GmbH

R&D Manager Temperature Transmitter
& Process Interface:

Alzenau, February 2003

Thomas Keul