

Manufacturer Declaration Herstellereklärung

No. A5E34472777A/001

Manufacturer: Siemens AG
Hersteller: Industry Sector
Industry Automation Division

Address: 76181 Karlsruhe, Germany
Anschrift: 76181 Karlsruhe, Germany

Product description: Pressure Transmitter SITRANS P
Produktbezeichnung: 7MF4*3*-*****-****-Z

Delivered and returned transmitters from the field, within the last 10 years, are considered via this MTBF calculation. After this period of time we assume that transmitters will be replaced or will not send back for repairs or warranty claims.

The MTBF time is actually calculated with **462 years** according to the following formula:

$$MTBF = ((n/2) * 0,9) * (t * 0.8) / N$$

n = delivered Transmitter

N = defect Transmitter

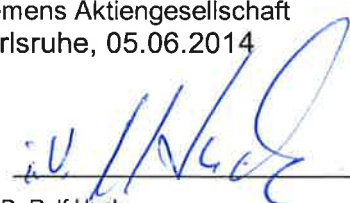
t = Time in Years


0,9 = only 90% of all produced transmitter are in the field (10 % are in stock as spare transmitters).

0,8 = only 80 % of this transmitters are running under real conditions up to 10 years.

If we do not calculate under these aspects (explained real conditions) our MTBF Time is 642 years. Also every returning transmitter inside or outside warranty is calculated.

Siemens Aktiengesellschaft
Karlsruhe, 05.06.2014


Dr Ralf Huck
Vice President Subsegment
Pressure / Temperature / Valve Positioner


Frank Krahl
Quality Manager

Siemens AG
Industry Sector; Management: Siegfried Russwurm
Industry Automation Division; Management: Anton Sebastian Huber
Sensors and Communication; Management: Johann Georg Kumpfmüller

Östliche Rheinbrückenstr. 50
76187 Karlsruhe
Germany

Tel.: +49 (721) 595 0

Siemens Aktiengesellschaft: Chairman of the Supervisory Board: Gerhard Cromme;
Managing Board: Joe Kaeser, Chairman, President and Chief Executive Officer; Roland Busch, Klaus Helmrich,
Hermann Requardt, Siegfried Russwurm, Michael Suess, Ralf P. Thomas
Registered offices: Berlin and Munich, Germany; Commercial registries: Berlin Charlottenburg, HRB 12300, Munich, HRB 6684
WEEE-Reg.-No. DE 23691322