

MTBF estimation

Herewith the manufacturer:

KROHNE Messtechnik
Ludwig Krohne Straße 5
47058 Duisburg
Deutschland

States that the estimated MTBF for the following product is:

Product: **IFC 050**

MTBF: **1514** years

Mean time between failure (MTBF) has been used for over 60 years as a basis for various decisions. Over the years more than 20 methods and procedures for lifecycle predictions, estimations and calculations have been developed.

We believe we have used a way, which truly reflects the performance of our flow meters.

It is based on the Field Data Measurement Method, which uses real field failures and accounts for failure modes that prediction methods sometimes miss.

For this estimation of the MTBF, we analysed instruments produced in the last 5 years, we analysed the number of shipped instruments and analysed the number of returned units for repair and all of their defects over that period. The variation of these returns is ranging from customer faults and complaints, customer requests for overhaul or annual recalibration, as well as unexpected meter failures occurred during operation. The latter is considered to be useful for the MTBF calculation, and incorporated in the calculation of the MTBF.

Name: E. Gülcem
Position: Quality manager
Date: 26.04.2024
Expiry date: 26.04.2026
Signed:

Note:

This declaration becomes invalid if technical modifications are introduced to the product without the manufacturers consent.