



Datum: 09/10/2025

SUBJECT: MTBF values for WTQ instruments

In the table below the MTBF values for the different WTQ weight transmitter models.

RELE [Switching/day]	1	10	100	1000
MODEL	MTBF[hours]	MTBF[hours]	MTBF[hours]	MTBF[hours]
WTQ	210490	195091	112666	21563
WTQ-TCP/IP	159729	150702	96287	20883
WTQ-PN ION	102175	98405	71880	19451
WTQ-ETHE IPN	102175	98405	71880	19451
WTQ-ETHERCAT	102175	98405	71880	19451
WTQ-POEWERLINK	102175	98405	71880	19451
WTQ-MODBUS/TCP	159729	150702	96287	20883
WTQ-CANOPEN	194043	180881	107776	21377
WTQ-PROFIBUS	129463	123469	84394	20264

NOTE:

- MTBF: Mean Time Between Failures
- The MTBF parameter is expressed in hours and four values are proposed for each model of the WTQ instrument, relating to different levels of use of the instrument, expressed in number of switching per day for the single relay output
- The values in the table have been calculated considering an ambient temperature of 55°C.