

## MTTF Certificate

For the electronic products provided by our company, the MTTF values are listed below:

### 1. Reference standard:

We calculate the MTTF value of our electronic products using the special software and the parts count process according ISO 13849-1 appendix C.5  
( ISO13849-1 )

### 2. Calculation formulas:

Calculation formulas	
$MTTF = \frac{1}{\sum_{i=1}^n \frac{1}{MTTF_n}}$	$MTTF_D = MTTF \cdot 2$

### 3. Calculation results:

Part Number	Product category	MTTF	MTTFd
FCEI-1600P-M12	electronic products	59 years	118 years

### Company name:

Tianjin Elco Automation Co., Ltd

### Company address:

No.12, 4th XEDA Branch Road

Xiqing Economic-Technological Development

Area Tianjin 300385, P. R. China

### Website:

<https://www.elcoautomation.com> (English)

<http://www.elco-holding.com.cn> (Chinese)

Record I.D: Rev: V1.0	Record Name:	Page 1 of 1
--------------------------	--------------	-------------