

## 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
FCPN-16UP-M12	electronic products	62 years	124years

**Company name:**

TianjinElcoAutomationCo.,Ltd

**Company address:**

No.12, 4th XEDA Branch Road,  
 XiQing Economic Development  
 AreaTianjin300385,P.R.China

**Website:**

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

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

-

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