ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Product Service

COPY

EC-Type Examination Certificate

No. M6A 072029 0012 Rev. 01

Holder of Certificate: **JTEKT CORPORATION**
1-1, Asahi-machi
Kariya-shi, Aichi
448-8652 JAPAN

Product: **Safety components**

Safety Programmable Logic Controller

This EC Type Examination Certificate is issued according to Article 12(3) b or 12(4) a of Council Directive 2006/42/EC relating to machinery. It confirms that the listed Annex-IV equipment complies with the principal protection requirements of the directive. It refers only to the sample submitted to TÜV SÜD Product Service GmbH for testing and certification. For details see: www.tuvsud.com/ps-cert

Test report no.: 717518179

Valid until: 2028-12-03

Date, 2023-12-04

(Günter Greil)

TÜV SÜD Product Service GmbH is Notified Body according to Council Directive 2006/42/EC relating to machinery, notified by publication in the Offical Journal of the EC with identification No.0123.

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Model(s):

TOYOPUC-Nano Safety

Safety Master Module
TOYOPUC-Nano Safety

Safety Slave Module
TOYOPUC-Nano Safety RSxxxx
(A)(B)

(A)	Built-in serial communication for Standard PLC
00	None
01	SN-I/F or Modbus RTU (Slave)

(B)	Communication protocol
IP	EtherNet/IP (CIP Safety)

Safety IO Module
TOYOPUC-Nano Safety IO-xxxxxx
(C)(D)(E)

Input points	Output points	IO Type	
(C)	(D)	(E)	Description
16	00	S	Safety Input 16 pts. Safety Output 0 pts.
16	00	SE	Safety Input 16 pts. (for Dry-contact input) Safety Output 0 pts.
08	06	S	Safety Input 8 pts. Safety Output 6 pts.
00	16	S	Safety Input 0 pts. Safety Output 16 pts.
08	08	S	Safety Input 8 pts. Safety Output 8 pts.
06	04	SE	Safety Input 6 pts. Safety Output 4 pts.
06	04	SL	Safety Input 6 pts. (Including 4 pts light curtain inputs) Safety Output 4 pts.
06	04	SE/L	Safety Input 6 pts. (Including 2 pts light curtain inputs) Safety Output 4 pts.
08	00	SE	Safety Input 8 pts. Safety Output 0 pts.

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08	00	SL	Safety Input 8 pts. (for light curtain input) Safety Output 0 pts.
24	00	SE	Safety Input 24 pts. Safety Output 0 pts.
00	08	SR	Safety Input 0 pts. Safety Output 8 pts. (Including 4 pts safety relay outputs)
00	24	S	Safety Input 0 pts. Safety Output 24 pts.

BASE module
TOYOPUC-Nano Safety BASE

Parameters:

Power supply:	24 VDC +20%/-15%
IO power supply:	24 VDC +20%/-15%
Rated input:	24 VDC, 5 mA/point
Rated output:	24 VDC, 0.5 A/point (FET output)
	24 VDC, 0.25A/point (FET output)
	24 VDC, 3A/point (Relay output)
Temperature range:	-10°C to +55°C
Humidity:	10-95%RH (no condensation)

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