CERTIFICADO ◆ 인증서 ◆ CERTIFICATO ◆ 認証 ◆ CERTIFICATE ◆ 认证证书 ◆ ZERTIFIKAT

NORMATIVE CERTIFICATE

(Voluntary Certificate)

No. TUV IT 26 MAC 554

Holder of Certificate: INXPECT Electronics Co., Ltd

Address: Room 707, 6th Floor, Building 1, No.8 Dongdaqiao Road,
Chaoyang District

Zip code, City: 100020, Beijing

Country: China

Product: Safety component

Designation: SRE - Safety Radar Equipment

Model(s)/Type(s): Safety Radar System, composed by:

- controller: C821A or C822A or C823A
- sensor(s): S821A or S822A or S823A

Tested according to:

EN ISO 13849-1:2023; EN ISO 13849-2:2012; EN IEC 62061:2021; IEC/EN 61508:2010

EN IEC 61496-1:2020; EN IEC 61496-2:2020; IEC TS 61496-5:2023; IEC TS 62998-1:2019

The product was tested on a voluntary basis and complies with the technical standards indicated
in this certificate. The certification holder must not transfer the certificate to third parties.
This certificate is valid until the listed date, unless it is cancelled earlier.

Test report n°: RBNTR-MAC-722426288

Issue date: 21/09/2026

Expiry date: 10/09/2029

TÜV Italia Srl Industrie Service TÜV SÜD Italia

Industrie Service Division Manager

Alberto Carelli

Signature

First Issue date: 21/09/2026

Expiration date of the -

CERTIFICADO ◆ 인증서 ◆ CERTIFICATO ◆ 認証 ◆ CERTIFICATE ◆ 认证书 ◆ ZERTIFIKAT

last certification cycle:

NORMATIVE CERTIFICATE

(Voluntary Certificate)

No. TUV IT 26 MAC 554

Reliability data:

Parameter	Value	Measuring unit
Type (EN IEC 62061, IEC/EN 61508)	B	--
Category (EN ISO 13849-1/2)	Risk reduction equivalent to Category 3	--
Architecture (EN IEC 62061, IEC/EN 61508)	1oo1(D) (1oo2(D) for controller OSSD output)	--
$MTTF_D$ (EN ISO 13849-1/2)	42	Years
DC_{AVG} (EN ISO 13849-1/2)	>99	%
SFF (EN IEC 62061, IEC/EN 61508)	>99	%
CCF (EN ISO 13849-1/2)	75	--
β, β_D (EN IEC 62061, IEC/EN 61508)	5, 1	%
PFH		
Overall safety functions	without FieldBus: 1,30E-08 with PROFINET/PROFIsafe or FSoE or CIP SAFETY: 1,40E-08	1/h
Additional safety functions	without FieldBus: - Muting / Dynamic config. switch: 5,37E-09 - Stop signal / Restart signal / I/O fieldbus: 5,45E-09	1/h
	with PROFINET/PROFIsafe or FSoE or CIP SAFETY: - Muting / Dynamic config. switch: 6,37E-09 - Stop signal / Restart signal / I/O fieldbus: 6,45E-09	1/h
PL (EN ISO 13849-1/2)	d	--
SIL (EN IEC 62061, IEC/EN 61508)	2	--
ESPE Type (EN 61496-1)	3	--
Performance Class (IEC TS 62998-1)	D	--

Validity information:

The validity of this voluntary normative certificate is linked to the validity of the normative certificate n° TUV IT 26 MAC 553