



Product Service

CERTIFICATE

No. Z10 068636 0042 Rev. 00

Holder of Certificate: **Leuze electronic GmbH + Co.KG**
In der Braike 1
73277 Owen/Teck
GERMANY

Certification Mark:



Product: **Safety components**
RFID Proximity Switch

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

Test report no.: LO94911T

Valid until: 2024-11-15

Date, 2020-08-05

(Peerasan Supavatanakul)



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Parameters:

Operating Voltage:
Standard: 24 Vdc -15%...+10%
Wide input: 12...24 Vdc -30%...+25%
Protection degree: IP67 and IP69K
Operating temperature: -25°C ... +70°C
Storage temperature: -25°C ... +85°C

Tested according to:

2006/42/EC
EN ISO 13849-1:2015 (up to Cat.4 PL e)
EN 60947-5-3:2013
EN 61508-1:2010 (SIL 3)
EN 61508-2:2010 (SIL 3)
EN 61508-3:2010 (SIL 3)
EN 61508-4:2010 (SIL 3)
IEC 62061:2005 (SIL CL3)
IEC 62061:2005/AMD1:2012
IEC 62061:2005/AMD2:2015 (SILCL3)

Factory(ies):

075157

Model(s):

RD800-Series
For nomenclature see next page



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Nomenclature of RFID Proximity Switch RD800

Proximity switch

RD800-aabbbb-ccc-d

with:

aa	I/O configuration and programming	
	S	safe out 2 aux out 1 safe in 0 factory programmed (supplied with actuator)
	M	safe out 2 aux out 1 safe in 2 factory programmed (supplied with actuator)
	MP	safe out 2 aux out 1 safe in 2 programmable (supplied without actuator)
bbb	Actuator	
	blank	no actuator supplied (only RD800-MP-M12x)
	SCA	standard code (low coding level acc. to ISO 14119)
	UCA	unique code (high coding level acc. to ISO 14119)
ccc	Connection type	
	CBx	cable with x meters length (e.g. CB2 - 2 m or CB02 - 0.2 m)
	M12	M12 connector
d	Connection output direction	
	R	output from right
	L	output from left

Actuator as accessory

RD800-x-bbb

with:

bbb	Actuator	
	SCA	standard code (low coding level acc. to ISO 14119)
	UCA	unique code (high coding level acc. to ISO 14119)

Zertifizierungsvertrag

Grundlage für die Zertifikatserteilung ist die Prüf- und Zertifizierungsordnung von TÜV SÜD Product Service.

Mit Erhalt des Zertifikates erkennt der Zertifikatsinhaber die jeweils gültige Fassung der Prüf- und Zertifizierungsordnung an (www.tuev-sued.de/ps_regulations) und wird somit Partner im Zertifiziersystem von TÜV SÜD Product Service.

Prinzipielle Voraussetzung für die Gültigkeit des Zertifikates:

- Gültigkeit der zitierten normativen Prüfgrundlage(n) ist gegeben und zusätzlich bei Zertifikaten mit Berechtigung zur Verwendung eines Prüfzeichens bzw. bei Zertifikaten für QM-Systeme:
- Voraussetzungen für vorschriftsmäßige Fertigung werden eingehalten.
- Die Fertigungs- bzw. Betriebsstätten werden regelmäßig überwacht.

Certification contract

Certification is based on the TÜV SÜD Product Service Testing and Certification Regulations. On receipt of the certificate the certificate holder agrees to the current version of the Testing and Certification Regulations (www.tuv-sud.com/ps_regulations) and thus becomes partner in the TÜV SÜD Product Service Certification System.

Requirements for the validity of the certificate in principle:

- Validity of the quoted test standard(s) In addition, for certificates with the right to use a certification mark and for QM certificates:
- Conditions for an adequate manufacturing are maintained
- Regular surveillance of the facility is performed

认证合约

认证基于 TÜV SÜD 产品服务《测试及认证准则》。获得证书即表明证书持有者接受当前版本的《测试及认证准则》(见 www.tuv-sud.com/ps_regulations) 并成为 TÜV SÜD 产品服务认证系统内的合作伙伴。

维持证书有效性的原则要求：

- 认证所依据标准的有效性
- 此外，对于授权可使用认证标志的证书和质量管理体系证书：
- 保持充分的生产条件
 - 生产场地通过定期的监督

認證契約

認證は TÜV SÜD Product Service の試験認証規約に基づく。認証書保持者は認証書を受領することにより最新の試験認証規約(www.tuv-sud.com/ps_regulations)に同意したものとする。その結果、TÜV SÜD Product Service 認証システムのパートナーとなる。

認證書の有効性に関する原則的な要求事項

- 引用している試験規格が有効である
- さらに認証マークの使用を許諾された認証書や品質マネジメント認証書は：
- 適切な製造の条件を維持している
 - 定期的な工場監査を実施している

Contrato de certificação

A certificação se baseia nos Regulamentos de Testes e Certificação do Grupo TÜV SÜD. Ao receber o certificado, o Fornecedor, titular do certificado concorda com a versão atual dos Regulamentos de Testes e Certificação do Grupo TÜV SÜD (www.tuv-sud.com/ps_regulations) e assim, torna-se parceiro no Sistema de Certificação de Produtos e Serviços TÜV SÜD.

Requisitos para a validade do certificado (em princípio):

- Validade da(s) norma(s) de ensaio(s) referenciada(s).
- Adicionalmente, para os certificados com o direito ao uso da marca de certificação e para certificados de SG:
- Condições de fabricação adequada estão mantidas.
 - Auditoria de monitoração realizada regularmente.