



Product Service

CERTIFICATE

No. Z10 068636 0042 Rev. 01

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. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: LO94911T

Valid until: 2024-04-26

Date, 2021-12-03

(Christian Dirmeier)



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Parameters:

Operating Voltage:	24 Vdc -15%...+10%
Standard:	12...24 Vdc -30%...+25%
Wide input:	
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)
- EN 62061:2005/A2:2015 (SIL CL3)

Model(s): **RD800-Series**
For nomenclature see next page

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Nomenclature of RFID Proximity Switch RD800

Proximity switch

RD800-aabbb-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)