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

Product Service

C E R T I F I C A T E

No. Z10 024820 0083 Rev. 03

Holder of Certificate: **Reer Spa**
32 via Carcano
10153 Torino
ITALY

Certification Mark:

Product: **Electro-Sensitive Protective Equipment**

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, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: RT90909T

Valid until: 2029-04-11

Date, 2025-03-12

(Peter Weiß)

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

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Parameters:

Power supply:	24VDC ± 20%
Degree of protection:	IP 65 and IP 67
Detection Zone:	310 to 2260 mm
Resolution:	14/20/30/40/50/90 mm
Multibeam:	2/3/4 beams

Tested according to:

2006/42/EC
EN IEC 61496-1:2020 (Type 4)
EN IEC 61496-2:2020 (Type 4)
EN ISO 13849-1:2023 (Cat. 4, PL e)
EN 61508-1:2010 (SIL 3)
EN 61508-2:2010 (SIL 3)
EN 61508-3:2010 (SIL 3)
EN IEC 62061:2021 (maximum SIL 3)

Model(s): SAFEGATE-Series

For nomenclature see below

SAFEGATE configuration xxx*r (type)*

Configuration:

S	Models with no Muting function
SO	Models with no Muting function with status lamp
SM	Hardware configurable
SMO	Hardware configurable with integrated muting lamp
SMP	Software configurable
SMPO	Software configurable with integrated muting lamp
xxxr	is Length and resolution where
	xxx from 030 to 225 (from 300 mm to 2250 mm)
	r 14, 20, 30, 40, 50, 90 mm resolution
type	LR = Long Range models (only 40 mm resolution)
-A	Automatic function only

SAFEGATE configuration *nB* type (-A)

Configuration:

S	Models with no Muting function
SO	Models with no Muting function with status lamp
SM	Hardware configurable
SMO	Hardware configurable with integrated muting lamp
SMP	Software configurable
SMPO	Software configurable with integrated muting lamp
nB	is the number of beams for multibeam models and could be 2, 3 or 4
type	none = emitter+receiver configuration TRX = active+passive configuration
	LR = Long Range models
-A	Automatic function only
ILP	Including laser alignment pointer

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