



Product Service

CERTIFICATE

No. Z10 024820 0065 Rev. 03

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

Certification Mark:



Product: Electro-Sensitive Protective Equipment
Safety Light Curtain (Type 2)

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.: 717502248

Valid until: 2026-07-14

Date, 2021-08-06

(Christian Dirmeier)



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Parameters:

Power Supply:	24VDC 20%
Power Consumption:	Max. 1W (Emitter) Max. 2W (Receiver)
Output:	pnp, max. 400mA
Resolution:	30/40/50/90mm (EOS2X XXXX X)
Working Range:	0-4 / 0-20m
Distance between beam:	300/400/500mm (EOS2X XB X)
Operating temperature:	-30°C...+55°C
Protection class:	IP65/IP67/IP69k

Tested according to:

2006/42/EC
EN IEC 61496-1:2020 (Type 2)
EN IEC 61496-2:2020 (Type 2)
IEC 61508-1:2010 (SIL 1)
IEC 61508-2:2010 (SIL 1)
IEC 61508-3:2010 (SIL 1)
EN 62061:2005/A2:2015 (SILCL 1)
EN ISO 13849-1:2015 (Cat.2, PL c)

Model(s):

EOS2X XXXX X
EOS2X XB X
For nomenclature see next page

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Nomenclature of EOS2

EOS2 X XXX X X X X
 (A) (B) (C) (D) (E) (F)

A:	E R	Emitter Receiver
B:	Height: 15-225	15-255 mm in steps of 100mm or 150mm
C:	Resolution: 3 = 4 = 5 = 9 =	30 mm 40 mm 50 mm 90 mm
D:	Operation A = X = XM = XS = XS2 = AM =	Automatic With integrated control functions Master Slave Slave intermediate Automatic Master
E:	Type of Protection None = WTF = WTHF =	IP67 IP69k system for food applications IP69k Water tight system for food applications with heating system
F:	none = C =	connector exit cable exit

EOS2 X X **B** X X X
 (A) (B) (C) (D) (E)

A:	E R	Emitter Receiver
B:	Number of beams	2, 3, 4
C:	Operation A = X = XM = XS = XS2 = AM = XP = XT =	Automatic With integrated control functions Master Slave Slave intermediate Automatic Master Press application Textile application
D:	Type of Protection None = WTF = WTHF =	IP67 IP69k system for food applications IP69k Water tight system for food applications with heating system
E:	none = C =	connector exit cable exit