



Product Service

# CERTIFICATE

No. Z10 024820 0086 Rev. 01

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

**Certification Mark:**



**Product:** **Electro-Sensitive Protective Equipment  
Safety Light Curtain (Type 4)**

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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 717502248

**Valid until:** 2026-07-14

**Date,** 2021-08-06

( Christian Dirmeier )

# CERTIFICATE

No. Z10 024820 0086 Rev. 01

<b>Parameters:</b>	Power Supply:	24VDC $\pm$ 20%
	Power Consumption:	Max. 1W (Emitter) Max. 2W (Receiver)
	Output:	pnp, max. 400mA
	Resolution:	14/20/30/40/50/90mm (EOS4 X XXX X X X)
	Working Range:	0-4 / 3-20m
	Distance between beam:	300/400/500mm (EOS4 X XB X)
	Operating temperature:	-30°C ... 55°C
	Protection class:	IP65/IP67/IP69k

<b>Tested according to:</b>	2006/42/EC
	EN IEC 61496-1:2020 (Type 4)
	EN IEC 61496-2:2020 (Type 4)
	IEC 61508-1:2010 (SIL 3)
	IEC 61508-2:2010 (SIL 3)
	IEC 61508-3:2010 (SIL 3)
	EN 62061:2005/A2:2015 (SILCL 3)
	EN ISO 13849-1:2015 (Cat 4, PL e)

<b>Model(s):</b>	<b>EOS4 X XXX X X X</b> <b>EOS4 X X B X</b>
	For nomenclature see below

## Nomenclature of EOS4

<b>EOS4</b>	X	XXX	X	X	X	(X)	(X)
	(A)	(B)	(C)	(D)	(E)	(F)	(G)

A:	E R	Emitter Receiver
B:	Height: 15-225	15-255 mm in steps of 100mm or 150mm
C:	Resolution: 1 = 2 = 3 = 4 = 5 = 9 =	14 mm 20 mm 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:	None = H =	12 m range or 14 mm res with 6 m range 20 m range

# CERTIFICATE

No. Z10 024820 0086 Rev. 01

F:	Type of Protection None = WTF = WTHF =	IP67 IP69k system for food applications IP69k Water tight system for food applications with heating system
G:	none = C =	connector exit cable exit

**EOS4**            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