



CERTIFICATE

No. Z10 09 12 24820 036

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. See also notes overleaf.

Test report no.: 717502248

Valid until: 2014-12-29

Date, 2009-12-09


(Günter Greil)



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**CERTIFICATE****No. Z10 09 12 24820 036****Model(s):****EOS4 X XXX X X X****EOS4 X X B X****For nomenclature see attachment****Parameters:**

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 / 3-12 m
Distance between beam:	300/400/500mm (EOS4 X XB X)
Operating temperature:	-20 °C ... 55 °C
Protection class:	IP65/IP67

**Tested
according to:**

98/37/EC Machinery Directive
(valid until 29. Dec. 2009)
2006/42/EC Machinery Directive
(valid from 29. Dec. 2009)
2006/95/EC Low Voltage Directive
IEC 61496-1:2004
IEC 61496-2:2006
IEC 61508-1:1998 SIL 3
IEC 61508-2:2000 SIL 3
IEC 61508-3:1998 SIL 3
IEC 61508-4:1998 SIL 3
IEC 62061:2005 SILCL 3
ISO 13849-1:2006 Cat. 4, PL e
EN 50178:1997
EN 55022:2006

Factory(ies):**24820**

Attachment to certificate Z10 09 12 24820 036

Nomenclature of product type

EOS4 X XXX X X X

(A) (B) (C)(D) (E)

(A)	(B) height	(C) resolution	(D) operation	(E)
E(emitter)	15	1 (14mm)	A = Automatic	None = 12 m range or 14 mm res with 6 m range
R(receiver)	30	2 (20mm)	X = With integrated control functions	H = 20 m range
	45	3 (30mm)	XM = Master	
	60	4 (40mm)	XS = Slave	
	75	5 (50mm)	XS2 = Slave intermediate	
	90	9 (90mm)		
	105			
	120			
	135			
	150			
	165			
	180			

EOS4 X X B X

(A) (B) (C)

(A)	(B) number of beams	(C) operation
E(emitter)	2	A = Automatic
R(receiver)	3	X = With integrated control functions
	4	XM = Master
		XS = Slave
		XS2 = Slave intermediate

Department: TR-RAMUC
Date: 2009-12-09

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