



CERTIFICATE

No. Z10 10 03 24820 041

Holder of Certificate: **Reer Spa**

32 via Carcano
10153 Torino
ITALY

Factory(ies):

24820

Certification Mark:



Product:

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

Model(s):

**Admiral
For nomenclature see attachment**

Parameters:

Operating temperature:	0°C - 55°C
Power supply:	24 VDC $\pm$ 20%
Power consumption:	max. 2W (Emitter) max. 3W (Receiver)
Protection class:	IP65
Output:	pnp, max 500 mA
Scanning Range:	standard = 0-18m LR = 10-60m

**Tested
according to:**

2006/42/EC Machinery Directive
IEC 61508-2:2000 (SIL 3)
IEC 61508:1998 part 1,3,4 (SIL 3)
ISO 13849-1:2006 (Cat.4, PL e)
IEC 62061:2005 (SILCL 3)
EN 50178:1997
IEC 61496-1:2004
IEC 61496-2:2006
EN 55022:2006

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.: 10056950

Valid until: 2014-12-29

Date, 2010-03-12

Günter Greil
(Günter Greil)

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Attachment to certificate Z10 10 03 24820 041

Nomenclature of the product type:

Admiral AD x xxx x
(A) (B) (C)

(A)	(B)	(C)
E (Emitter)	15	1(resolution 14 mm)
R (Receiver)	30	2(resolution 20 mm)
	45	3 (resolution 30 mm)
	60	4 (resolution 40 mm)
	75	5 (resolution 50 mm)
	90	9 (resolution 90 mm)
	105	
	120	
	135	
	150	
	165	
	180	

Admiral AX x xxx x
(A) (B) (C)

(A)	(B)	(C)
E (Emitter)	15	1(resolution 14 mm)
R (Receiver)	30	2(resolution 20 mm)
	45	3 (resolution 30 mm)
	60	4 (resolution 40 mm)
	75	5 (resolution 50 mm)
	90	9 (resolution 90 mm)
	105	
	120	
	135	
	150	
	165	
	180	



Admiral AD $\frac{x}{(A)}$ $\frac{x}{(B)}$ B

(A)	(B)
E (Emitter)	2 (number of beams)
R (Receiver)	3 (number of beams)
	4 (number of beams)

Admiral AX $\frac{x}{(A)}$ $\frac{x}{(B)}$ B

(A)	(B)
E (Emitter)	2 (number of beams)
R (Receiver)	3 (number of beams)
	4 (number of beams)

Admiral AX $\frac{x}{(A)}$ $\frac{x}{(B)}$ B LR (Long Range)

(A)	(B)
E (Emitter)	2 (number of beams)
R (Receiver)	3 (number of beams)
	4 (number of beams)



MASTER/SLAVE VERSION

Admiral AX $\frac{x}{(A)}$ - $\frac{xxx}{(B)}$ $\frac{x}{(C)}$ $\frac{x}{(D)}$

(A)	(B)	(C)	(D)
E (Emitter)	15	1 (resolution 14 mm)	M (Master)
R (Receiver)	30	2 (resolution 20 mm)	S (Slave)
	45	3 (resolution 30 mm)	
	60	4 (resolution 40 mm)	
	75	5 (resolution 50 mm)	
	90	9 (resolution 90 mm)	
	105		
	120		
	135		
	150		
	165		
	180		

Admiral AX $\frac{x}{(A)}$ - $\frac{x}{(B)}$ B $\frac{x}{(C)}$

(A)	(B)	(C)
E (Emitter)	2 (number of beams)	M (Master)
R (Receiver)	3 (number of beams)	S (Slave)
	4 (number of beams)	



BLANKING VERSION

Admiral AX x - xxx x BK
(A) (B) (C)

(A)	(B)	(C)
E (Emitter)	15	1 (resolution 14 mm)
R (Receiver)	30	2 (resolution 20 mm)
	45	4 (resolution 40 mm)
	60	9 (resolution 90 mm)
	75	
	90	
	105	
	120	
	135	
	150	
	165	
	180	

BLANKING MASTER VERSION

Admiral AX x - xxx x BKM
(A) (B) (C)

(A)	(B)	(C)
E (Emitter)	15	1 (resolution 14 mm)
R (Receiver)	30	2 (resolution 20 mm)
	45	4 (resolution 40 mm)
	60	9 (resolution 90 mm)
	75	
	90	
	105	
	120	
	135	
	150	
	165	
	180	

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