



Product Service

CERTIFICATE

No. Z10 024820 0079 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, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: RT105241C

Valid until: 2030-07-10

Date, 2025-07-14

(Peter Weiß)

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Parameters:

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

The report and the user documentation in the current valid revision are mandatory part of this certificate. The product complies with the following safety requirements only if the specifications documented in the currently valid revision of this report are met.

Tested according to:

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

Model(s):

Admiral

For nomenclature see next page

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Nomenclature of Admiral

Admiral AD a bbb c

with:

a	Type	
	E	Emitter
	R	Receiver

bbb	Protected Area	
15		160 mm
30		310 mm
45		460 mm
60		610 mm
75		760 mm
90		910 mm
105		1060 mm
120		1210 mm
135		1360 mm
150		1510 mm
165		1660 mm
180		1810 mm
195		1960 mm
210		2110 mm
2250		2260 mm

c	Resolution	
1		14mm
2		20mm
3		30mm
4		40mm
5		50mm
9		90mm

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Admiral AX a bbb c

with:

a	Type	
	E	Emitter
	R	Receiver

bbb	Protected Area	
	15	160 mm
	30	310 mm
	45	460 mm
	60	610 mm
	75	760 mm
	90	910 mm
	105	1060 mm
	120	1210 mm
	135	1360 mm
	150	1510 mm
	165	1660 mm
	180	1810 mm

c	Resolution	
	1	14mm
	2	20mm
	3	30mm
	4	40mm
	5	50mm
	9	90mm

Admiral AD a b B

with:

a	Type	
	E	Emitter
	R	Receiver

b	Number of Beams	
	2	2 Beams
	3	3 Beams
	4	4 Beams

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Admiral AX a b B

with:

a	Type	
	E	Emitter
	R	Receiver

b	Number of Beams	
	2	2 Beams
	3	3 Beams
	4	4 Beams

Admiral AX a b B LR (Long Range)

with:

a	Type	
	E	Emitter
	R	Receiver

b	Number of Beams	
	2	2 Beams
	3	3 Beams
	4	4 Beams

Admiral AX a bbb LR (Long Range)

with:

a	Type	
	E	Emitter
	R	Receiver

bbb	Protected Area	
	60	610 mm
	90	910 mm
	120	1210 mm
	135	1360 mm
	165	1660 mm



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MASTER / SLAVE Version

Admiral AX a bbb c d

with:

a	Type	
	E	Emitter
	R	Receiver

bbb	Protected Area	
15		160 mm
30		310 mm
45		460 mm
60		610 mm
75		760 mm
90		910 mm
105		1060 mm
120		1210 mm
135		1360 mm
150		1510 mm
165		1660 mm
180		1810 mm

c	Resolution	
1		14mm
2		20mm
3		30mm
4		40mm
5		50mm
9		90mm

d	Version	
	M	Master
	S	Slave

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Admiral AX a b B c

with:

a	Type	
	E	Emitter
	R	Receiver
b	Number of Beams	
	2	2 Beams
	3	3 Beams
	4	4 Beams
c	Version	
	M	Master
	S	Slave

Admiral AX a bbb LR c (Long Range)

with:

a	Type	
	E	Emitter
	R	Receiver
bbb	Protected Area	
	60	610 mm
	90	910 mm
	120	1210 mm
	135	1360 mm
	165	1660 mm
c	Version	
	M	Master
	S	Slave



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BLANKING Version

Admiral AX a bbb c BK

with:

a	Type	
	E	Emitter
	R	Receiver

bbb	Protected Area	
	15	160 mm
	30	310 mm
	45	460 mm
	60	610 mm
	75	760 mm
	90	910 mm
	105	1060 mm
	120	1210 mm
	135	1360 mm
	150	1510 mm
	165	1660 mm
	180	1810 mm
	195	1960 mm
	210	2110 mm
	225	2260 mm

c	Resolution	
	1	14mm
	2	20mm
	4	40mm
	9	90mm

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BLANKING MASTER Version

Admiral AX a bbb c BKM

with:

a	Type	
	E	Emitter
	R	Receiver

bbb	Protected Area	
15		160 mm
30		310 mm
45		460 mm
60		610 mm
75		760 mm
90		910 mm
105		1060 mm
120		1210 mm
135		1360 mm
150		1510 mm
165		1660 mm
180		1810 mm
195		1960 mm
210		2110 mm
225		2260 mm

c	Resolution	
1		14mm
2		20mm
4		40mm
9		90mm

Long Range, Dual Beam Version

Admiral AX a bB LR DB

with:

a	Type	
	E	Emitter
	R	Receiver

b	Number of Beams	
2		2 Beams
3		3 Beams