



America

CERTIFICATE

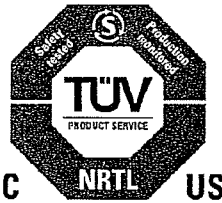
No. U8 09 06 22795 075

Holder of Certificate: Leuze electronic GmbH + Co. KG

Liebigstrasse 4
82256 Fürstenfeldbruck
GERMANY

Production Facility(ies): 63063, 70507

Certification Mark:



Product: Electro-Sensitive Protective Equipment (Safety Light Curtains)

Model(s): COMPACT Plus Series
For further information please see attachment.
(Note: Some of the characters may not appear in the model number. See attachment Configuration Table for details.)

Parameters:

Input Voltage, DC:	24 V ± 20%
Input Current:	See attachment
Protection Class:	III
Laser Class:	Class II per CFR 1040 & RDER C1370
Temperature Case:	50°C

The supply source is not part of this approval.

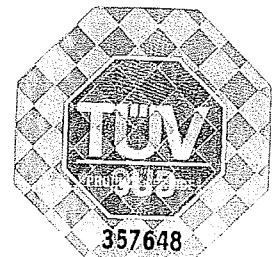
Tested according to: CAN/CSA-C22.2 No. 14:2005,
UL 508/R:2005-07
(Supplemented by
CAN/CSA-E61496-1:2004, CAN/CSA-E61496-2:2004,
UL 61496-1/R:2007-02, UL 61496-2/R:2007-02)
The product is intended and certified for Canada and USA. Additional requirements may apply in other countries.

The product was voluntarily tested according to the relevant safety requirements and mentioned properties. It can be marked with the certification mark shown above. The certification mark must not be altered in any way. See also notes overleaf.

Test report no.: 231-900745-000

Date, 2009-06-03

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Attachment to Certificate No. U8 09 06 22795 075
for Leuze electronic GmbH + Co. KG



America

Safety Light Curtains and Multiple Light Beam Safety Devices

Safety Light Curtains, Basic Design/Host

CP trr - hhhh k-f/cc where:

CP = COMPACTplus

t = Type of Device:

T = Transmitter;

R = Receiver

rr = Resolution (range) :

14 mm (0 – 6 m),

30 mm (0 – 18 m),

50 mm (0 – 18 m),

90 mm (0-18 m)

hhhh = Protective Field Height:

150, 225, 300, 450, 600, 750, 900, 1050, 1200, 1350, 1500, 1650, 1800, 2100 mm
(for 14 mm resolution),

150, 225, 300, 450, 600, 750, 900, 1050, 1200, 1350, 1500, 1650, 1800, 2100, 2400, 2700,
3000 mm
(for 30 mm resolution),

450, 600, 750, 900, 1050, 1200, 1350, 1500, 1650, 1800, 2100, 2400, 2700, 3000 mm
(for 50 mm resolution),

750, 900, 1050, 1200, 1350, 1500, 1650, 1800, 2100, 2400, 2700, 3000 mm
(for 90 mm resolution)

k = Cascading option:

H (Host) (protective field height = 225 mm and over)

f = function package (receiver only):

b = blanking

l = integrated LED indicator

m = muting

z = special firmware

i = initiation

nn = number for special parameter set

cc = Machine interface:

T1 = Transistor, Cable gland

T2 = Transistor, Hirschmann plug

T3 = Transistor, MIN series plug

T4 = Transistor, M12 plug

R1 = Relay, Cable gland

R2 = Relay, Hirschmann plug

R3 = Relay, MIN series plug

AP = AS-i Transmitter, M12 plug

A1 = AS-i Receiver, M12 plug

P1 = PROFIBUS, M12 plug

Report Number: 231-90075-000

William A. Wentworth

2009-06-03

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Attachment to Certificate No. U8 09 06 22795 075
for Leuze electronic GmbH + Co. KG



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Safety Light Curtains, Guest series

C t rr- hhhh S where:

C = COMPACT

t = Type of Device:

T = Transmitter;

R = Receiver

rr = Resolution (range):

14 mm (0-6 m),

30 mm (0-18 m),

50 mm (0-18 m),

90 mm (0-18 m)

hhhh = Protective Field Height:

150, 225, 300, 450, 600, 750, 900, 1050, 1200, 1350, 1500, 1650, 1800 mm
(for 14 mm resolution),

150, 225, 300, 450, 600, 750, 900, 1050, 1200, 1350, 1500, 1650, 1800 mm
(for 30 mm resolution),

450, 600, 750, 900, 1050, 1200, 1350, 1500, 1650, 1800, 2100, 2400, 2700, 3000 mm
(for 50 mm resolution),

750, 900, 1050, 1200, 1350, 1500, 1650, 1800, 2100, 2400, 2700, 3000
(for 90 mm resolution)

S = Guest

Rating(s).....: 24 Vdc ± 20%. See below for input rating and configuration.

Transmitter Unit: 75 mA

Receiver Unit: 160 mA without external load and additional
sensor equipment

CONDITIONS OF ACCEPTABILITY:

When installed in the end use equipment, the following are among the considerations to be made:

- 1) An approved "NEC Class 2 Power Supply" must be used with this equipment.

Report Number: 231-90075-000

2009-06-03