



Product Service

CERTIFICATE

No. Z10 15 11 68636 009

Holder of Certificate: Leuze electronic GmbH + Co.KGIn der Braike 1
73277 Owen/Teck
GERMANY**Factory(ies):** 86727, 70507, 63063**Certification Mark:****Product:** Electro-Sensitive Protective Equipment
Safety Light Curtain (Type 4)**Model(s):** COMPACT plus
For nomenclature see attachment**Parameters:**
Power supply: 24VDC \pm 20%
Rated current max.: 75mA Emitter, 170mA Receiver
Operating distance: 0m – 6m, 0m – 18m, 6m – 70m
Resolution: 14, 30, 50 and 90mm
Operating temperature: 0°C...+50°C
Protection class: IP65**Tested according to:**
2006/42/EC
EN 61508-1:2010 (SIL 3)
EN 61508-2:2010 (SIL 3)
EN 61508-3:2010 (SIL 3)
EN 61508-4:2010 (SIL 3)
EN ISO 13849-1:2008/AC:2009 (Cat.4, PL e)
EN 61496-1:2013
EN 61496-2:2013

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.: 70024492**Valid until:** 2020-11-09**Date,** 2015-11-11

(Jürgen Blum)

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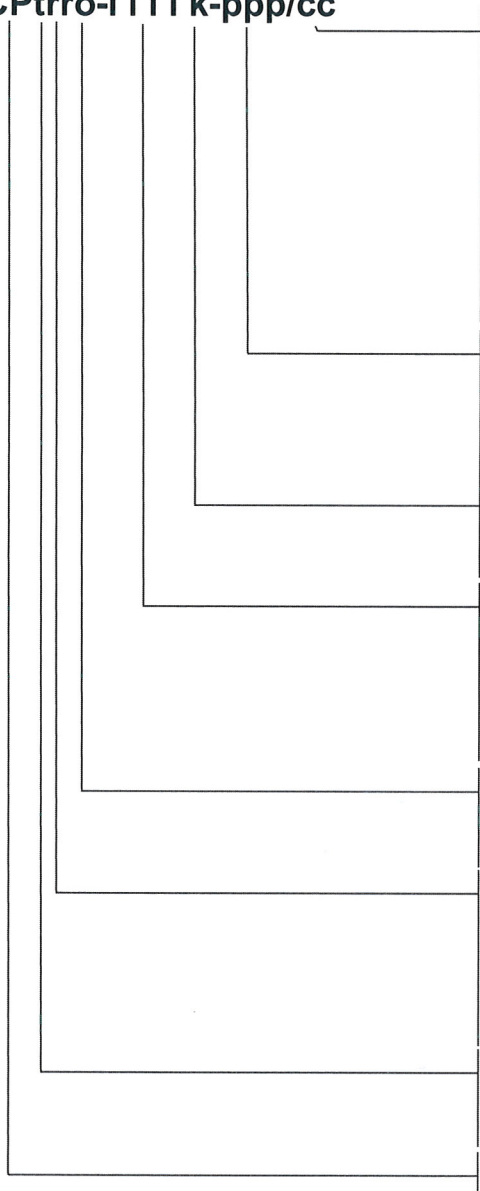
ATTACHMENT TO CERTIFICATE

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Nomenclature of COMPACT plus

1 Compact plus Models/ Naming system (safety light curtains)

CPtrro-l l l l k-ppp/cc



cc - Machine interface

- T1: Transistor, PG screw-in connection
- T2: Transistor with Hirschmann plug
- T3: Transistor with MIN-series plug
- T4: Transistor with M12 plug
- R1: Relais output, PG screw-in connection
- R2: Relais output, with Hirschmann plug
- R3: Relais output, with MIN-series plug
- AP: Transmitter for AS-I and PROFIBUS
- A1: AS-Interface with M12 plug
- P1: Profibus-Interface with M12 plug

p - Function package (receiver only)

- s: Standard
- l: integrated LED indicator
- b: Blanking
- z: special firmware
- m: Muting
- nn: number for special parameter set
- i: Initiation

k - Cascading option *

- H: host (master)
- S: slave (quest)

l l l l - protective field height

resolution	protective field height
14mm	150, 225, 300, ... 2100mm
30 mm	150, 225, 300, ... 3000mm
50 mm	450, ... 3000mm
90 mm	750, ... 3000mm

o - Optics option * (alternative)

- L: Integrated laser adjustment aid
- K: Protective Akkalit screen

rr - resolution/detection range

rr	physical resolution	detection range
14	14 mm	0 m to 6 m
30	30 mm	0 m to 18 m
50	50 mm	0 m to 18 m
90	90 mm	0 m to 18 m

t - type of device

- T: Transmitter
- R: Receiver

COMPACTplus



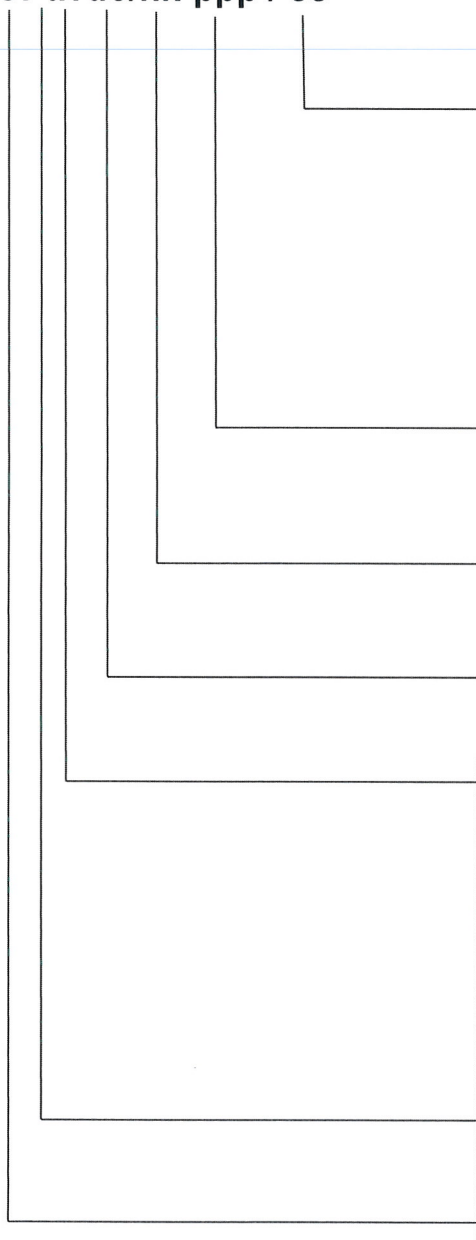
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ATTACHMENT TO CERTIFICATE

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2 Compact plus Models/ Naming system (multibeam safety light grids)

CPtrrdo/nk-ppp / cc



cc - Machine interface

- T1: Transistor, PG screw-in connection
- T2: Transistor with Hirschmann plug
- T3: Transistor with MIN-series plug
- T4: Transistor with M12 plug
- R1: Relais output, PG screw-in connection
- R2: Relais output, with Hirschmann plug
- R3: Relais output, with MIN-series plug
- AP: Transmitter for AS-I and PROFIBUS
- A1: AS-Interface with M12 plug
- P1: Profibus-Interface with M12 plug

p - Function package (receiver / transceiver only)

- s: Standard l: integrated LED indicator
- m: Muting z: special firmware
- nn: number for special parameter set

k - Cascading option*

- H: host (master)
- S: slave (guest)

o - Optics option * (alternative)

- L: Integrated laser adjustment aid
- K: Protective Akkalit screen

rrd - beam distance/detection range

rrd	beam distance	detection range
150	150mm	0 m to 18 m
300	300 mm	0 m to 18 m
400	400 mm	0 m to 18 m
500	500 mm	0 m to 18 m
500	500 mm	0 m to 6,5 m**
76	75 mm	6 m to 70 m
151	150mm	6 m to 70 m
301	300 mm	6 m to 70 m
401	400 mm	6 m to 70 m
501	500 mm	6 m to 70 m

t - type of device

- T: Transmitter
- R: Receiver

COMPACTplus