



Product Service

CERTIFICATE

No. Z10 15 11 68636 006

Holder of Certificate: **Leuze electronic GmbH + Co.KG**In der Braike 1
73277 Owen/Teck
GERMANY

Factory(ies): 70507, 86727, 63063

Certification Mark:

Product: **Electro-Sensitive Protective Equipment (ESPE) Type 4**Model(s): **SOLID-4**
For nomenclature see attachment

Parameters:

Power Supply:	24VDC
Nominal current:	75mA Emitter, 110mA Receiver
Scanning range:	0,3m - 6m, 0,7m - 14m 0,5m - 9m, 0,9m - 20m
Resolution:	14, 20, 30, 40 und 90mm
Operating temperature:	0°C - +55°C
Degree of protection:	IP 67

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.: 717500185

Valid until: 2020-11-09

Date, 2015-11-11 (Jürgen Blum)

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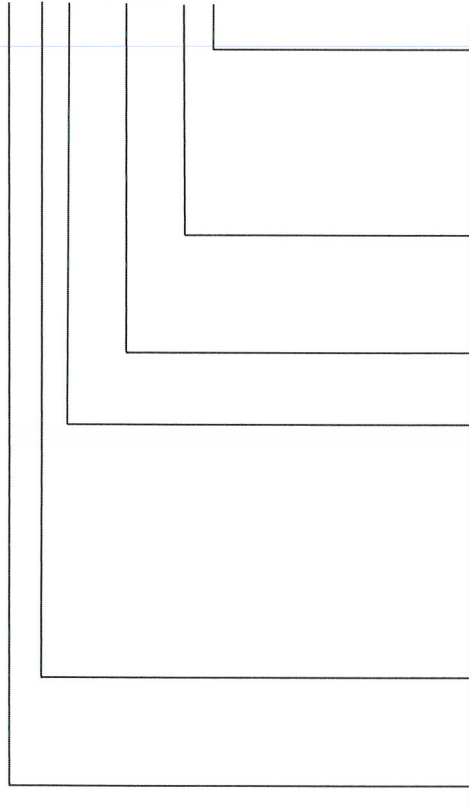


ATTACHMENT TO CERTIFICATE

No. Z10 15 11 68636 006

Nomenclature of SOLID - 4

SD4 t rr-hhhh v k



k – Type

Without: Standard

- H: Host
- G. Guest
- L: L-Shape
- U: U-Shape

v – Function (receiver only)

E: With selectable start/restart interlock (RES) and extern device monitoring (EDM)

hhhh – Protective field height

150 ... 3000 mm

rr – Resolution / detection range

rr	Physical resolution	Detection range
14	14mm	0,3m – 6m
20	20mm	0,7m – 14m
30	30mm	0,5m – 9m
40	40mm	0,9m – 20m
90	90mm	0,9m – 20m

t – Type of device

- T: Transmitter
- R: Receiver

SOLID 4