



Product Service

# CERTIFICATE

No. Z10 058688 0007 Rev. 00

**Holder of Certificate:** ipf electronic gmbh

Rosmarter Allee 14  
58762 Altena  
GERMANY

**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 and certification regulations of TÜV SÜD Group have to be complied. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** IL101705T

**Valid until:** 2028-08-15

**Date,** 2024-01-24

( Peter Weiß )



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**Parameters:** Supply Voltage: 24 ±20% Vdc  
 Resolution: 14mm, 30mm  
 or 2, 3, 4 beams  
 Protection class: IP65

**Tested according to:** 2006/42/EC  
 EN IEC 61496-1:2020 (Type 4)  
 EN IEC 61496-2:2020 (Type 4)  
 EN ISO 13849-1:2015 (Cat.4, PL e)  
 EN 61508-1:2010 (SIL3)  
 EN 61508-2:2010 (SIL3)  
 EN 61508-3:2010 (SIL3)  
 EN 61508-4:2010 (SIL3)  
 EN IEC 62061:2021 (maximum SIL 3)

**Model(s):** **OY3x-Series**  
 For nomenclature see next page



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## Nomenclature of OY3x-Series

**OY3 a 0 b c d**

with:

- |          |                                      |
|----------|--------------------------------------|
| <b>a</b> | <b>Curtain or Single Beams</b>       |
| 2        | Lightcurtain, Resolution, see (c)    |
| 6        | Single Beam                          |
| <b>b</b> | <b>OSSD and additional Functione</b> |
| 1        | PNP with EDM                         |
| <b>c</b> | <b>Resolution</b>                    |
| 3        | 14 mm                                |
| 0        | 30 mm                                |
| 1        | Single Beams, see (d)                |
| <b>d</b> | <b>Height</b>                        |
| 0        | 150 mm                               |
| 1        | 300 mm                               |
| 2        | 450 mm                               |
| 3        | 600 mm                               |
| 4        | 750 mm                               |
| 5        | 900 mm                               |
| 6        | 1050 mm                              |
| 7        | 1200 mm                              |
| 8        | 1350 mm                              |
| 9        | 1500 mm                              |
| A        | 1650 mm                              |
| C        | 1800 mm                              |
|          | or (Single Beams)                    |
| 0        | 500mm, 2 Beams                       |
| 1        | 800mm, 3 Beams                       |
| 2        | 900mm, 4 Beams                       |
| 3        | 1200mm, 4 Beams                      |