



Product Service

# CERTIFICATE

No. Z10 15 11 68636 010

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

70507

**Certification Mark:****Product:****Safety components  
Safety switching device****Model(s):****MSI-SR5  
MSI-SR5B-01  
MSI-SR5B-02****Parameters:**Supply Voltage: 24 ±20% VDC  
Operating temperature: 0°C...+55°C  
Storage temperature: -25°C...+70°C  
IP code (housing): IP40  
IP code (clamp): IP20**Tested  
according to:**2006/42/EC  
EN 61496-1:2013 (Type 4)  
EN 61508-1:2010 (SIL 3)  
EN 61508-2:2010 (SIL 3)  
EN 61508-4:2010 (SIL 3)  
EN ISO 13849-1:2008/AC:2009 (Cat.4, PL e)

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.:**

717503561

**Valid until:**

2020-11-09

**Date,** 2015-11-11

( Jürgen Blum )

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Product Service

# CERTIFICATE

No. Z10 15 11 68636 007

**Holder of Certificate:** Leuze electronic GmbH + Co.KGIn der Braike 1  
73277 Owen/Teck  
GERMANY**Factory(ies):** 70507, 86727, 63063**Certification Mark:****Product:** Electro-Sensitive Protective Equipment (ESPE) Type 2**Model(s):** SOLID-2  
SD2-20, SD2-30, SD2-40, SD2-90**Parameters:**  
Power supply: 24Vdc  
Rated current max.: 45mA Emitter, 140mA Receiver  
Operating distance: 0,5m - 15m, 0m - 8m, 0,8m - 20m  
Resolution: 20, 30, 40 and 90mm  
Operating temperature: 0°C...+50°C  
Protection class: IP65**Tested according to:**  
2006/42/EC  
EN 61508-1:2010 (SIL 1)  
EN 61508-2:2010 (SIL 1)  
EN 61508-3:2010 (SIL 1)  
EN 61508-4:2010 (SIL 1)  
EN ISO 13849-1:2008/AC:2009 (Cat.2, PL c)  
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.:** 717500045**Valid until:** 2020-11-09**Date,** 2015-11-11 (Jürgen Blum)

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