



Product Service

# CERTIFICATE

No. Z10 049833 0031 Rev. 00

**Holder of Certificate:** **ABB Electrification Sweden AB**

Motorgränd 20  
721 32 Västerås  
SWEDEN

**Certification Mark:**



**Product:** **Safety components**

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.:** AK87405T

**Valid until:** 2024-04-26

**Date,** 2021-09-30

( Christian Dirmeier )



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**Parameters:**

Temperature Range:  
Safety parameters:

-40°C ... + 70°C  
PDDb (EN 60947-5-3)  
SIL 3 (EN 61508)  
SIL CL 3 (EN 62061)  
Cat 4, PL e (EN ISO 13849)  
Type 4; High/Low level coded  
(EN ISO 14119)

**Tested according to:**

2006/42/EC  
EN 60947-5-3:2013  
EN 61508-1:2010 (SIL 3)  
EN 61508-2:2010 (SIL 3)  
EN 61508-3:2010 (SIL 3)  
EN 62061:2005/A2:2015 (SILCL 3)  
EN ISO 14119:2013  
EN ISO 13849-1:2015 (Cat.4, PL e)

**Model(s):**

**Coded non-contact safety sensor  
EDEN OSSD**

For nomenclature see next page



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## Nomenclature of EDEN OSSD

Adam XXX - X - M12 - X  
 (a) (b) (c) (d)

- a            **Type of Output**  
               OSSD : OSSD version
- b            **Variants**  
               Info :     with information output  
               Reset :   with built in reset and indication.
- c            **Connector Type**  
               M12 :     M12 Connector
- d            **Number of Pins**  
               5           5-pole  
               8           8-pole

Eva X  
 (a)

- a            **Code Type**  
               General code  
               Unique code