



Product Service

# CERTIFICATE

No. Z10 049833 0029 Rev. 01

**Holder of Certificate:** **ABB Electrification Sweden AB**  
Motorgränd 20  
721 61 Västerås  
SWEDEN

**Certification Mark:**



**Product:** **Safety components**  
**Magnetic Process Lock**

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, Certification, Validation and Verification 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.:** AK87772T

**Valid until:** 2028-04-12

**Date,** 2024-03-06

( Guido Neumann )

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**Parameters:**                      Safety function:                      Interlocking  
    Operating temperature:              -20...+50°C  
    Rated operating voltage:            24 VDC +/-15%

**Tested according to:**              2006/42/EC  
    EN 60947-5-3:2013  
    ISO 14119:2013 (Type 4 High level coded)  
    EN IEC 62061:2021 (maximum SIL 3)  
    EN ISO 13849-1:2015 (Cat. 4, PL e)  
    EN 61508-1:2010 (SIL 3)  
    EN 61508-2:2010 (SIL 3)  
    EN 61508-3:2010 (SIL 3)

**Model(s):**                              **MAGNE 4**  
    For nomenclature see below

## Nomenclature of MAGNE 4

### Magne 4 a b c

with:

**a connector**

**X:**                      M12 5-pole  
**Blank:**              M12 8-pole

**b output**

**DYN:**              dynamic output  
**OSSD:**              OSSD output

**c additional function**

**Info:**              Information output is set high when Eva is in sensing distance and Magne is locked.

**Reset:**              with information signal output from lock, reset / indication from built-in Adam.  
                                  Magne is toggling the Reset pin when Eva is in sensing distance and waiting for  
                                  reset signal.

**2Info:**              Information output is divided in to two different info signals. One info signal is set to  
                                  HIGH from ADAM when Eva is within sensing distance. One info signal is set to HIGH  
                                  when the Magne is locked (for DYN only).

Note: Both info signals are considered none-safe signals.