Errata Sheet

# TLE5010, TLE5011, TLE5012, TLE5012B, TLE5012BD, TLI5012B

## Reference: Data Sheet, Safety Manual, User Manual

Data sheet TLE5010, Rev. 2.0

Data sheet TLE5011, Rev. 2.0

Data sheet TLE5012, Rev. 2.0

Data sheet TLE5012B, Rev. 2.0

Data sheet TLI5012B-E1000, Rev. 1.1

Safety manual TLE5012B, Rev. 1.3

Safety manual TLE5012BD, Rev. 1.1

User manual TLE5012B, Rev. 1.1

## Overview

This document lists the errata of the TLE5010, TLE5011, TLE5012, TLE5012B, TLE5012BD, TLI5012B related to the referenced documents (data sheets, safety manuals, user manual) listed above.

It is strongly recommended that the device behavior and possible proposed workarounds are considered for the application.

For affected customers detailed information can be provided on request

Applications which do not use diagnostics for B~0 mT are not affected

**Affected Products:**

- TLE5010
- TLE5011
- TLE5012
- TLE5012B
- TLE5012BD
- TLI5012B

# 1 Error indication at condition B ~ 0 mT

**Description**

The angle sensor does not consistently send an error message in case the magnet field is reduced to B~0 mT in the application

**Workaround**

No technical solution possible for affected products on device level (system level to be evaluated by customer)

**Planned Fixes**

No technical solution possible for affected products

**Change in data sheet, user manual, safety manual**

Description of error indication at condition B ~ 0 mT will be adapted

# 2 Specification of bridge output signal at condition B ~ 0 mT

**Description**

Reduction to B ~ 0 mT at specific angle values leads to bridge out-put signal higher as specified

**Workaround**

No technical solution possible for affected products on device level (system level to be evaluated by customer)

**Planned fixes**

No technical solution possible for affected products

**Change in data sheet:**

Specification of bridge out-put signal at condition B ~ 0 mT will be removed

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**Email:** erratum@infineon.com

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