Records of compliance

We:

ifm electronic gmbh
Friedrichstraße 1
45128 Essen, Germany

declare under our own responsibility that the software components of product(s):
PL1604, PL1504, PL1502, PL1503, PL1506, PL1512, PL1514, PL1515, PL1523, PL1543, PL1507
from device status: AA

are confirm to the following activities according to ISO 13849-1: 2015 (clause 4.6.2):

a) software safety lifecycle with verification and validation activities
b) documentation of specification and design;
c) modular and structured design and coding;
d) control of systematic failures;
e) If necessary, use of software-based technics and measures to control random hardware failures.
f) functional testing;
g) appropriate software safety lifecycle activities after modifications;
h) project management and quality management processes;
i) documentation of all relevant activities during software safety lifecycle;
j) configuration management to identify all configuration items and documents related to a release;
k) structured specification and structured design;
l) use of suitable programming languages and computer-based tools with confidence from use;
m) modular and structured programming;
n) coding verification by walk-through/review with control flow analysis;
o) extended functional testing.

No influence on the validity of other standards or guidelines, which are not explicitly mentioned.

The Software Development Process (TSDP) according to ISO 13849-1 is certified by TÜV NORD (Certificate No. 1435.IM.130706/22).

Wednesday, May 21, 2025
date

i.V. Klaus Dieing
Head of R&D - signature

i.V. Markus Brunold
Head of Quality - signature

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