exida®

The manufacturer may use the mark:

exida CERTIFIED · IEC 61508 · SIL 3 CAPABLE

FS

Revision 1.1 November 7, 2025
Surveillance Audit Due
November 1, 2028

ANAB
ANSI National Accreditation Board
ACCREDITED
ISO/IEC 17065
PRODUCT CERTIFICATION BODY
#1004

Certificate / Certificat
Zertifikat / 合格証

SAF 2403114 C001

exida hereby confirms that the:

Safe-T-Pull
Safe-T-Products Pty Ltd
18-19 Tambrey Way, Malaga WA 6090 Australia

Has been assessed per the relevant requirements of:

IEC 61508 : 2010   Parts 1-2

and meets requirements providing a level of integrity to:

Systematic Capability: SC 3 (SIL 3 Capable)

Random Capability: Type A, Route 2_H Device

**PFH/PFD_{avg} and Architecture Constraints
must be verified for each application**

Certified Models:
Only the Model numbers listed in Section 3.1 of the Assessment Report are included.

Safety Function:
The SAFE-T-PULL includes independent actuating shafts, a mechanically linked actuator, direct-opening safety switches, spring-driven contact separation, and IP67 sealing for reliable pull-cord or break-detection emergency stop activation in demanding industrial environments.

Application Restrictions:
The unit must be properly designed into a Safety Instrumented Function per the Safety Manual requirements.

exida Certification

Jack Gao
_____
Evaluating Assessor

Desmond Lee
_____
Certifying Assessor

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SAF 2403114 C001

Systematic Capability: SC 3 (SIL 3 Capable)

Random Capability: Type A, Route 2_H Device

PFH/PFD$_{avg}$ and Architecture Constraints must be verified for each application

Safe-T-Pull

Systematic Capability :

The product has met manufacturer design process requirements of Safety Integrity Level (SIL) 3. These are intended to achieve sufficient integrity against systematic errors of design by the manufacturer.

A Safety Instrumented Function (SIF) designed with this product must not be used at a SIL level higher than stated.

Random Capability:

The SIL limit imposed by the Architectural Constraints must be met for each element. This device meets *exida* criteria for Route 2_H.

IEC 61508 Failure Rates in FIT*

Application/Device/Configuration	λ_{SD}	λ_{SU}	λ_{DD}	λ_{DU}	#
Combined Configurations	0	606	0	46	110

* FIT = 1 failure / 10^9 hours

SIL Verification:

The Safety Integrity Level (SIL) of an entire Safety Instrumented Function (SIF) must be verified via a calculation of PFH/PFD$_{avg}$ considering redundant architectures, proof test interval, proof test effectiveness, any automatic diagnostics, average repair time and the specific failure rates of all products included in the SIF. Each element must be checked to assure compliance with minimum hardware fault tolerance (HFT) requirements.

The following documents are a mandatory part of certification:

Assessment Report: SAF 24/03-114 R002 V1 R2 (or later)

Safety Manual: PUB. No. TD_STP V4.6.pdf (or later)

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T-061, V5R4