SAFE AI - Function block

2400057

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Function block library for safety-related analog value acquisition with standard I/O modules.

Please contact the safety hotline (+49 5281 9-462777) before ordering the SAFE AI article.

Product description

Wherever analog values need to be processed in a safety-related manner, the Safe AI solution package from Phoenix Contact is the ideal solution. With this TÜV-certified and software-based analog value processing, no safety-related I/O modules are required. This saves you money and offers flexibility.
Components of the Safe AI solution package:
- Initial application advice via telephone on the required software and hardware components
- License key for using the ANALOGINPUT_SF function block library
- Provision of comprehensive user documentation
- Advice from the Competence Center Safety in the form of a web meeting

Your advantages

- Reading in standardized values 4 ... 20 mA permitted in principle via standard sensors
- Safety-related processing of analog input signals without safety-related I/O modules
- A maximum of seven two-channel analog input channels per station can be processed in a safety-related manner
- Can be used up to PL e, SIL 3

Commercial data

Item number	2400057
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	DRDBBF
GTIN	4046356919395
Weight per piece (including packing)	250 g
Weight per piece (excluding packing)	250 g
Country of origin	DE

Technical data

Product properties

Product type	Software library

System properties

Function

Safety function	yes
Function block type	Analog signal

Functionality

Programming tool	PC Worx

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2400057

Functional Safety
Approval ID: 968/EL 916.05/24

Classifications

ECLASS

ECLASS-15.0	27242505
ECLASS-13.0	27242505

ETIM

ETIM 10.0	EC002582

UNSPSC

UNSPSC 21.0	93151500

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Not applicable, No electrical and electronic equipment (EEE), cannot be used in EEE

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

EF3.1 Climate Change

CO2e kg	0.842 kg CO2e

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