PN UNI DEVICE - Plug-in board

2701242

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Universal communication module as daughter board

Product description

The PN UNI DIO is designed as a universal plug-in board,
which provides the developer with a complete PROFINET interface, thereby enabling him to fully focus on the application. Thanks to the various configuration options for 48 GPIOs, the PN UNI DIO can be used in almost all applications as a PROFINET device.

Your advantages

- LED diagnostics and status indicators
- The IBS UNI DIO can be easily replaced
- PROFINET conformance class C
- TPS-1 protocol chip

Commercial data

Item number	2701242
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRIA7A
GTIN	4046356727235
Weight per piece (including packing)	65.6 g
Weight per piece (excluding packing)	65.6 g
Country of origin	DE

Technical data

Product properties

Product type	Plug-in board
Type	Daughterboard

System properties

Module

Protocol chip	TPS-1

Electrical properties

IC power supply voltage	5 V DC ±10 % (DC)

Supply

Typical current consumption	approx. 55 mA (Without active PHYs)

Interfaces

User interface	Two 60-pos. socket strips for power supply, diagnostics, configuration, GPIOs, and status LEDs.

PROFINET

Bus system	PROFINET
Connection method	2 ports, 10/100 Mbp/s, auto negotiation
Transmission speed	100 Mbps (acc. to PROFINET standard)
Transmission physics	Twisted pair connection
Transmission length	max. 100 m
No. of channels	2

Dimensions

Width	80 mm
Length	50 mm

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP00
Ambient temperature (operation)	-25 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C (non-condensing)

Classifications

ECLASS

ECLASS-11.0	27242605
ECLASS-12.0	27242605
ECLASS-13.0	27242605

ETIM

ETIM 8.0	EC001601

UNSPSC

UNSPSC 21.0	32151600

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(a), 7(c)-I

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)

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