GW PN/DP 1E/1DB9 - Interface converters

1108712

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PROFINET to PROFIBUS DP gateway. Functions as a PROFIBUS DP controller on the PROFIBUS network and a PROFINET IO device on the PROFINET network. Compatible with FDT/DTM container for simple configuration of PROFIBUS DP devices.

ELEKTROGERÄTE RÜCKNAHME

Commercial data

Item number	1108712
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DN09
Product key	DNC323
GTIN	4063151016227
Weight per piece (including packing)	175.5 g
Weight per piece (excluding packing)	120 g
Customs tariff number	85176200
Country of origin	DE

Technical data

Notes

Note on application

Note on application	Only for industrial use

Utilization restriction

EMC note	EMC: class A product, see manufacturer's declaration in the download area

Product properties

Product type	Interface converter

Electrical properties

Supply

Supply voltage range	10.8 V DC ... 30 V DC (via pluggable COMBICON screw terminal block)
Typical current consumption	71 mA (24 V DC)
Max. current consumption	200 mA (10.8 V DC)

Function

Management	Web-based management
Status and diagnostic indicators	LEDs: ST, PB, BF, SF, ACT/LNK (Ethernet data traffic)

Connection data

Supply

Conductor cross-section, flexible	0.20 mm² ... 2.50 mm²
Conductor cross-section AWG	24 ... 12
Tightening torque	0.5 Nm ... 0.6 Nm

Interfaces

Signal	PROFINET
	PROFIBUS

Data: PROFINET

Serial transmission speed	10/100 Mbps, auto negotiation
Connection method	RJ45 jack, shielded
No. of channels	1
Transmission length	≤ 100 m (shielded twisted pair)
Protocols supported	PROFINET, PROFIBUS DP
Auxiliary protocols	ARP, DHCP (Client), PING, DCP

Data: PROFIBUS DP

Serial transmission speed	9.6 kbps ... 12 Mbps
Number of connections	1

Connection method	D-SUB 9 plug

Dimensions

Width	22.5 mm
Height	99 mm
Depth	115 mm

Material specifications

Color (Housing)	light gray (RAL 7035)
Housing material	PA 6.6

Mechanical tests

Vibration resistance in accordance with EN 60068-2-6/IEC 60068-2-6	:
Shock in accordance with EN 60068-2-27/IEC 60068-2-27	:

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Altitude	< 2000 m
Permissible humidity (operation)	10 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	5 % ... 95 % (non-condensing)

Approvals

Conformity/Approvals

Conformance	CE-compliant

Mounting

Mounting type	DIN rail mounting

Classifications

ECLASS

ECLASS-13.0	27242208
ECLASS-15.0	27242208

ETIM

ETIM 10.0	EC001423

UNSPSC

UNSPSC 21.0	43222600

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

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

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