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Inline PROFIBUS master/slave, for connecting a PROFIBUS system, complete with accessories (connector plug and marking field), use only with PC Worx

Product description

This terminal is designed for use within an Inline station.

It can be used to integrate a lower-level PROFIBUS system into the Inline station and thus in the bus system used.

Within the Inline station, the terminal acts as a PROFIBUS master for the lower-level PROFIBUS system or as a PROFIBUS slave for a higher-level PROFIBUS system.

PROFIBUS features

- PROFIBUS master/slave
- Transmission speed: 12 Mbps, maximum
- Diagnostic and error messages are exchanged

Local bus features

- 500 kbps and 2 Mbps transmission speed (automatic detection)
- Maximum data width: 32 words

General features

- Serial interface with inserted memory stick for storing the configuration data
- DIP switch for setting the data width
- Direct PROFIBUS configuration in PC WORX
- Integration of process variables using the connection editor
- Integration of third-party devices using GSD

Why buy this product

- ☑ PROFIBUS connection via 9-pos. D-SUB socket
- Operation as DP master or slave
- PROFIBUS data transmission speed of 9.6 kbps to 12 Mbps
- Size of PROFIBUS process image: up to 48 words of input and output data (a maximum of ten PROFIBUS slaves) or 56 words (a maximum of three PROFIBUS slaves)
- Maximum of ten DP slaves supported when operated as the DP master
- ☐ DIP switch for setting the operating mode, the startup behavior, the data width, and the transmission speed on the local bus
- Diagnostic and status indicators
- When operated as the DP master: the configuration data is stored on the memory stick



Key commercial data

Packing unit	1 PCE
GTIN	4 046356 598958



Weight per Piece (excluding packing)	142.0 GRM
Weight per piece (including packing)	201.0 GRM
Custom tariff number	85389091
Country of origin	Germany
Sales Key	O1 - Automatation Systems

Technical data

Note:

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

Dimensions

Width	48.8 mm
Height	119.8 mm
Depth	71.5 mm

General

Color	green	
Weight	200 g	
Mounting type	DIN rail	
Ambient temperature (operation)	-25 °C 55 °C	
Ambient temperature (storage/transport)	-25 °C 85 °C	
Permissible humidity (operation)	10 % 95 % (according to DIN EN 61131-2)	
Permissible humidity (storage/transport)	10 % 95 % (according to DIN EN 61131-2)	
Air pressure (operation)	70 kPa 106 kPa (up to 3000 m above sea level)	
Air pressure (storage/transport)	70 kPa 106 kPa (up to 3000 m above sea level)	
Degree of protection	IP20	
Protection class	III, IEC 61140, EN 61140, VDE 0140-1	

Interfaces

Interface	Inline local bus	
Connection method	Inline data jumper	
Transmission speed	500 kBit/s / 2 MBit/s	
Interface	PROFIBUS DP V0 master/slave	
Connection method	9-pos. D-SUB socket	
Transmission speed	9,6 kBit/s 12 MBit/s	

Inline potentials

Communications power U _L	7.5 V (via voltage jumper)		
Current consumption from U _L	typ. 98 mA		
	max. 280 mA		
Main circuit supply U _M	24 V DC (via voltage jumper)		



Classifications

eCl@ss

eCl@ss 4.0	27240409
eCl@ss 4.1	27240409
eCl@ss 5.0	27242205
eCl@ss 5.1	27242605
eCl@ss 6.0	27242605
eCl@ss 7.0	27242605
eCl@ss 8.0	27242605

ETIM

ETIM 3.0	EC001604
ETIM 4.0	EC001601
ETIM 5.0	EC001601

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

Approvals

Approvals

Approvals

UL Listed / cUL Listed / cULus Listed

Ex Approvals

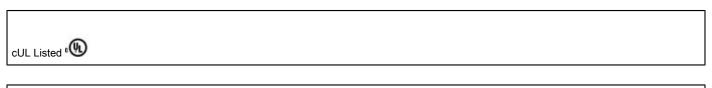
Approvals submitted

Approval details





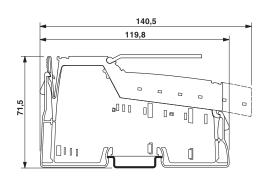
Approvals



177.000		
cULus Listed (10)		

Drawings

Dimensioned drawing



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