

Data sheet | Item number: 750-971

Fieldbus Connector PROFIBUS; with D-sub male connector; 9-pole

www.wago.com/750-971



Color:



Subject to changes. Please also observe the further product documentation!

WAGO GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



Item description

This fieldbus connector links a PROFIBUS device to a PROFIBUS line.

The fieldbus connector has the following features:

- Compact design Perfectly connects to an S7 PLC
- No losable parts
- Two horizontal cable entries for both input and output
- Fast and maintenance-free CAGE CLAMP[®] connection – a locking slide keeps the clamping unit in its open position
- Externally operable switch to activate or deactivate the network terminating resistor

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For the first and last station on the bus, the switch must be set to "ON" (Terminating resistor activated, outgoing bus line disconnected) Switch setting to "OFF" for downstream bus stations (Terminating resistor deactivated)

Data

Technical data

Connection type	D-sub 9 plug
Pole number	9
Communication/fieldbus	PROFIBUS
Baud rate	12 Mbit/s (per PROFIBUS specification)
Supply voltage	4.75 ... 5.25 VDC
Input current	5 mA

Connection data

Connection type 1	CAGE CLAMP [®] terminal strip with locking slide (218 Series)
Solid conductor	0.08 ... 0.5 mm ² / 28 ... 20 AWG
Strip length	5 ... 6 mm / 0.2 ... 0.24 inches

Physical data

Width	43.6 mm / 1.717 inches
Height	16.2 mm / 0.638 inches
Depth	72.8 mm / 2.866 inches

Mechanical Data

Connectable sheathed cable diameter	8.5 mm
Cable glands (number)	2
Housing material	PC-V0
Weight	45 g
Color	light gray

Environmental requirements

Ambient temperature (operation)	0 ... +60 °C
Ambient temperature (storage)	-25 ... +85 °C
Protection type	IP20
Relative humidity (without condensation)	95 %

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Commercial data

Product Group	15 (I/O System)
eCl@ss 10.0	27-24-26-92
eCl@ss 9.0	27-24-26-92
ETIM 8.0	EC002584
ETIM 7.0	EC002584
PU (SPU)	1 pcs
Packaging type	box
Country of origin	DE
GTIN	4045454633875
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Documentation

Manual

System Manual WAGO I/O System 750/753 Decentralized Automation Technology	V 3.3.3 2023 年8月29 日	pdf 8.7 MB	Download
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Bid Text

750-971 X81 - Datei	2019 年2月19 日	xml 4.9 kB	Download
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750-971 doc - Datei	2017 年10月6 日	doc 26.6 kB	Download
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Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 年8月18 日	pdf 2.2 MB	Download
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CAD/CAE-Data

CAE data

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Installation Notes

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