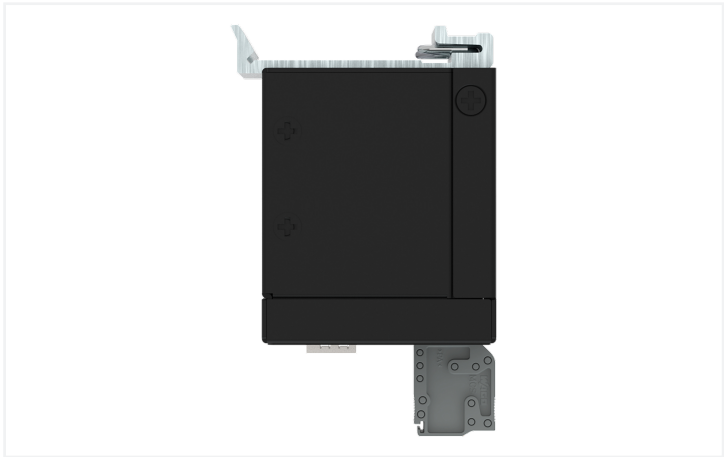
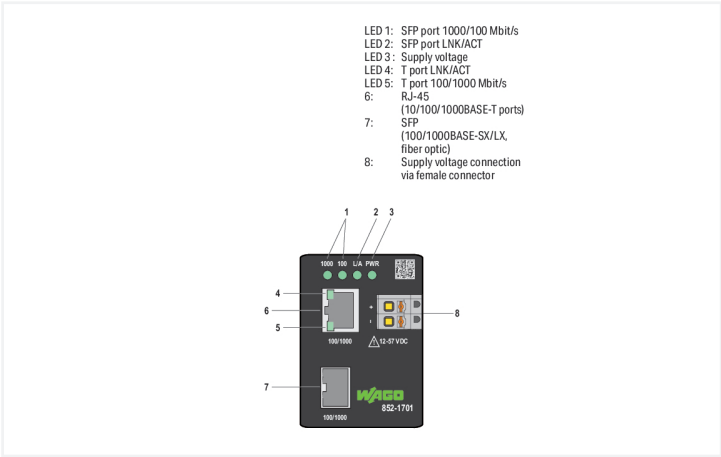




Color: ■ black





This device is an industrial media converter featuring one Gigabit Ethernet port and one SFP port (100BASE/1000BASE), enabling decentralized Ethernet devices to be connected to a network via fiber-optic cable.

The user can freely select the required SFP module and communicate over a distance of up to 80 km. (SFP modules are available separately.)

Its compact design with a DIN-rail adapter simplifies installation in control cabinets or enclosures and ensures high resistance to temperature, vibration, and shock.

The unit enables plug-and-play operation with connected ETHERNET devices that use the same transmission speed.

Technical data	
Number of 1 Gb/s ports	1
Number of 1 Gb/s ports SFP	1
Communication standards	IEEE 802.3u 100BASE-TX/FX IEEE 802.3ab 1000BASE-T IEEE 802.3z 1000BASE-SX/LX
Jumbo frame size	16000 bytes
Supply voltage	12 ... 57 VDC
Power consumption (max.)	6 W
Current consumption (max.)	150 mA
Transmission rate	Copper cable: 100/1000 Mbit/s; Fiber optic: 100/1000 Mbit/s
Transmission medium (communication/fieldbus)	Copper cable: Cat. 5e or higher, 100 m maximum cable length; Fiber optic: SX Multi-Mode, LX Single-Mode
Optical fiber type	Single-mode and multi-mode
Topology	Star
Indicators	Device: LED (PWR) green: Supply voltage; T-port: LED (100/1000) green: Status 1000 Mbit/s, LNK/ACT port; SFP port: LED (1000, 100, L/A) green: Status 100/1000 Mbit/s, LNK/ACT port

Connection Data	
Connection technology: communication/fieldbus	Copper cable: 1 x RJ-45; Fiber optic: 1 x SFP slots (e.g., with SFP module and LC fiber-optic connector)
Connection technology: supply	1 x Built-in male connector: 231-432/001-000; included female connector (MCS Connectors): 2231-102/026-000



Physical data	
Width	60.5 mm / 2.38 inches
Height	42.5 mm / 1.67 inches
Depth	50 mm / 1.97 inches

Mechanical data	
Weight	169.6 g
Color	black
Housing material	Sheet steel
Conformity marking	CE

Environmental requirements	
Ambient temperature (operation)	-40 ... +75 °C
Ambient temperature (storage)	-40 ... +80 °C
Protection type	IP30
Relative humidity (without condensation)	95 %
Mounting type	DIN-35 rail
Vibration resistance	Per IEC 60068-2-6
Shock resistance	per IEC 60068-2-27
EMC immunity to interference	Per EN IEC 61000-6-2
EMC emission of interference	Per EN IEC 61000-6-4
Fire load	0 MJ

Commercial data	
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	TW
GTIN	4066966511758
Customs tariff number	85176200000

Product Classification	
UNSPSC	43222605
ETIM 9.0	EC001467
ETIM 10.0	EC001467
ECCN	NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates														
General approvals		Declarations of conformity and manufacturer's declarations												
 														
Approval	Standard	Certificate Name												
KC National Radio Research Agency	Article 58-2, Clause 3	MSIP-REM-W43-ISW852												
UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 61010-2-201	E175199												
		<table><tr><th>Approval</th><th>Standard</th><th>Certificate Name</th></tr><tr><td>EU-Declaration of Conformity WAGO GmbH & Co. KG</td><td>-</td><td>-</td></tr><tr><td>SDoC for FCC WAGO GmbH & Co. KG</td><td>-</td><td>-</td></tr><tr><td>UK-Declaration of Conformity WAGO GmbH & Co. KG</td><td>-</td><td>-</td></tr></table>	Approval	Standard	Certificate Name	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-	SDoC for FCC WAGO GmbH & Co. KG	-	-	UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-
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Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 852-1701 

Documentation

Manual
Product Manual Industrial Media Converter 3453696907 3 en-US pdf 8/21/2024 13:26 10722.67 KB 

Bid Text
852-1701 docx 38.59 KB 
852-1701 x81 4.80 KB 

CAD/CAE-Data

CAD data
2D/3D Models 852-1701 

1 Compatible Products

1.1 Optional Accessories

1.1.1 Plug

1.1.1.1 SFP module



Item No.: 852-1210
SFP Module 1000BASE; LX Single-Mode 1310 nm LC; 10 km; Extended temperature range; Digital Diagnostics Monitoring; silver-colored



Item No.: 852-1200
SFP Module 1000BASE; SX Multi-Mode 850 nm LC; 0.55 km; Extended temperature range; Digital Diagnostics Monitoring; silver-colored



Item No.: 852-1280
SFP Module 1000BASE; ZX Single-Mode 1550 nm LC; 80 km; Extended temperature range; Digital Diagnostics Monitoring; silver-colored



Item No.: 852-202
SFP Module 100BASE; FX Multi-Mode 1310 nm LC; 2 km; DDM; Extreme; silver-colored



Item No.: 852-201/107-002
SFP Module 100BASE; FX Multi-Mode 1310 nm LC; 2 km; silver-colored



Item No.: 852-201/107-030
SFP Module 100BASE; LX Single-Mode 1310 nm LC; 30 km; silver-colored

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

Current addresses can be found at: www.wago.com