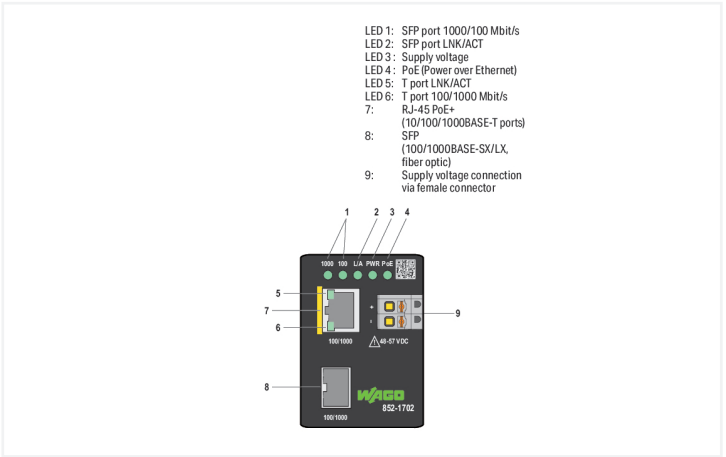




The device is an industrial media converter with a gigabit ETHERNET port and an SFP port (100BASE/1000BASE) for connecting decentralized ETHER-NET devices to a network via fiber optics. The user can freely select the required SFP module and communicate over a distance of up to 80 km. The ETHERNET port (IEEE 802.3at) can be used simultaneously to power PoE end devices (powered devices). (SFP modules are available optionally.) Its compact design with a DIN-rail adapter simplifies installation in control cabinets or enclosures, offering 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 IEEE 802.3af Power over Ethernet (PoE) IEEE 802.3at High Power over Ethernet (PoE+)
Jumbo frame size	16000 bytes
Supply voltage	48 ... 57 VDC
Power consumption (max.)	36 W
Current consumption (max.)	750 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, LED (PoE) green: Power over Ethernet; 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		173 g
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		4066966511765
Customs tariff number		85176200000

Product classification		
UNSPSC		43222612
ETIM 9.0		EC001467
ECCN		NO US CLASSIFICATION

Environmental Product Compliance		
RoHS Compliance Status		Compliant, No Exemption

Approvals / Certificates

General approvals



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

Declarations of conformity and manufacturer's declarations

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	-	-



Downloads		
Environmental Product Compliance		
Compliance Search		
Environmental Product Compliance 852-1702		

Documentation			
Manual			
Product Manual Industrial Media Converter	3420918923 3 en-US 8/21/2024 13:26 22.08.2024	pdf 10484.52 KB	