



The 750-366 EtherNet/IP™ Fieldbus Coupler connects the EtherNet/IP™ fieldbus system to the modular WAGO I/O System. The fieldbus coupler detects all connected I/O modules and creates a local process image. The fieldbus coupler supports the DLR (Device Level Ring) protocol as a “Beacon-Based Ring Node” and can be used in ring or line topologies. QoS (Quality of Service) and ACD (Address Conflict detection) are also supported in compliance with the EtherNet/IP™ specification. The DIP switch configures the last byte of the IP address and may be used for IP address assignment (DHCP, BootP, static). The coupler is designed for fieldbus communication in EtherNet/IP™ networks. It also supports a wide variety of standard ETHERNET protocols (e.g., HTTP(S), BootP, DHCP, DNS, SNMP, (S)FTP). An integrated Webserver provides user configuration options, while displaying the coupler's status information.

Technical data	
Communications	EtherNet/IP™
ETHERNET protocols	HTTP(S) BootP DHCP DNS FTP(S) SNMP
Transmission rate	10/100 Mbit/s
Transmission medium (communication/fieldbus)	Twisted pair S-UTP; 100 Ω; Cat. 5; 100 m maximum cable length
Transmission performance	Class D per EN 50173
Number of modules per node (max.)	250
Number of modules without a bus extension (max.)	64
Input and output process image (fieldbus) max.	1020 words/1020 words
Supply voltage (system)	24 VDC (-25 ... +30 %); via pluggable connector (CAGE CLAMP® connection)
Current consumption (5 V system supply)	300 mA
Total current (system supply)	1700 mA
Supply voltage (field)	24 VDC (-25 ... +30 %); via power jumper contacts
Input current (typ.) at nominal load (24 V)	480 mA
Power supply efficiency (typ.) at nominal load (24 V)	90 %
Isolation	500 V system/field
Number of outgoing power jumper contacts	3
Current carrying capacity (power jumper contacts)	10 A
Indicators	LED (LINK/ACT) green: Network connection via ports 1 ... 2; LED (MS, NS) red/green: Status of node, network; LED (I/O) red/green/orange: Status of local data bus

Connection data	
Connection technology: communication/fieldbus	EtherNet/IP™: 2 x RJ-45
Connection technology: field supply	6 x CAGE CLAMP®
Connection technology: system supply	2 x CAGE CLAMP®
Connection type 1	System/field supply
Solid conductor	0.08 ... 2.5 mm² / 28 ... 14 AWG
Fine-stranded conductor	0.08 ... 2.5 mm² / 28 ... 14 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches
Connection technology: device configuration	1 x Male connector; 4-pole

Physical data

Width	62 mm
Height	100 mm / 3.937 inches
Depth	71.9 mm / 2.831 inches
Depth from upper-edge of DIN-rail	64.7 mm / 2.547 inches

Mechanical data

Mounting type	DIN-35 rail
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Material data

Housing material	Polycarbonate; polyamide 6.6
Fire load	2.461 MJ
Weight	147.3 g
Conformity marking	CE

Environmental requirements

Ambient temperature (operation)	0 ... +55 °C
Ambient temperature (storage)	-25 ... +85 °C
Protection type	IP20
Pollution degree	2 per IEC 61131-2
Operating altitude	0 ... 2000 m / 0 ... 6562 ft
Mounting position	Horizontal left, horizontal right, horizontal top, horizontal bottom, vertical top and vertical bottom
Relative humidity (without condensation)	95 %
Vibration resistance	4g per IEC 60068-2-6
Shock resistance	15g per IEC 60068-2-27
EMC immunity to interference	per EN 61000-6-2, marine applications
EMC emission of interference	per EN 61000-6-3, marine applications
Exposure to pollutants	per IEC 60068-2-42 and IEC 60068-2-43
Permissible H ₂ S contaminant concentration at a relative humidity 75 %	10 ppm
Permissible SO ₂ contaminant concentration at a relative humidity 75 %	25 ppm

Commercial data

ETIM 9.0	EC001603
ETIM 8.0	EC001603
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
Customs tariff number	8517620000

Environmental Product Compliance

CAS-No.	1303-86-2 1317-36-8 7439-92-1 79-94-7
REACH Candidate List Substance	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol Diboron trioxide Lead Lead monoxide
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c) 7(a) 7(c)-I 7(c)-II
SCIP notification number (Austria)	a0257e1f-7fdf-4a37-ab51-0237003c6590
SCIP notification number (Belgium)	c0ec02fd-7778-4b21-96be-a45b73569d7e

Environmental Product Compliance

SCIP notification number (Bulgaria)	919213d2-53bd-4859-9cb4-2eec91a99cc5
SCIP notification number (Czech Republic)	8d669eeb-79a1-4380-aa27-5fc90984b907
SCIP notification number (Denmark)	e6879620-379c-49ad-8721-075fd0fc31b1
SCIP notification number (Finland)	655a63e2-1ef6-47c4-b024-2fa6d658f0d0
SCIP notification number (France)	9455df99-50b0-401c-989b-66ace9a08137
SCIP notification number (Germany)	a7399f33-033d-44d0-9168-575164168ae0
SCIP notification number (Hungary)	fcabf8d8-f6dc-45fe-9fae-2226a2183136
SCIP notification number (Italy)	6796c4a6-a517-4f9d-8810-ffba2046f180
SCIP notification number (Netherlands)	342fa2aa-3e4a-4ae7-89ae-2478675a3c77
SCIP notification number (Poland)	42bf780a-66ae-49af-81aa-b0a96da90f91
SCIP notification number (Romania)	b9ab0dd2-1ccc-47d6-840f-5a0c5a4145d3
SCIP notification number (Sweden)	065fad55-ee26-4ca7-8a88-66e3f87510b9