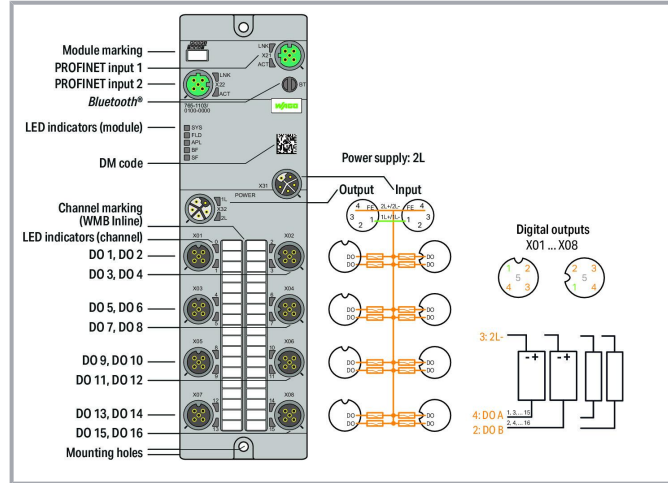


Data sheet | Item number: 765-1103/100-000

16-channel digital output; Profinet; DC 24 V / 2.0 A; 8xM12 connection;
WideLine



www.wago.com/765-1103/100-000



Data

Technical data

Fieldbus

Communication	PROFINET PROFINET IO device; 2-port switch, LLDP, MRP, SNMP
Connection technology: communication/fieldbus	2 x D-coded M12; 4-pole
Interface standard	10BASE-T/100BASE-TX; potential-free
Autonegotiation; autocrossover	yes
PROFINET IO features	PROFINET IO device; 2-port switch, LLDP, MRP, SNMP

Device functions

Parameter	Output current Temperature
Diagnostics	Undervoltage; Overcurrent; Overload; Overtemperature

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

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Device functions	Bluetooth® Bluetooth® OPC UA Server
Visualization	Web server Android/iOS app Webserver

Digital inputs/outputs

Number of digital outputs	16
Connection technology: inputs/outputs	8 x A-coded M12; 5-pole
Signal type (voltage)	24 VDC
Output current (per channel)	2 A (typ.) for DO
Supply current per port	2L: 4 A (max.)

Supply (module)

Connection technology: supply	2 x L-coded M12; 5-pole
Supply voltage	24 VDC (18 ... 31.2 V); 1L/2L
Current consumption (max.)	16000 mA
Current consumption (note)	per supply line; overload- and short-circuit-protected
Reverse voltage protection	Yes

Physical data

Width	60 mm / 2.362 inches
Height	30 mm / 1.181 inches
Depth	210 mm / 8.268 inches

Mechanical Data

Weight	610 g
Conformity marking	CE

Environmental requirements

Ambient temperature (operation)	-25 ... +70 °C
Ambient temperature (storage)	-40 ... +80 °C
Protection type	IP67
Protection class	III per EN 61140, IEC 61140, VDE 0140-1
Operating altitude	0 ... 2000 m / 0 ... 6562 ft
Pollution degree	3 (EN 60664-1)

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Overvoltage category	II (EN 60664-1)
Relative humidity (without condensation)	95 %
Vibration resistance	5g per IEC 60068-2-6
Shock resistance	Short-term: 50g/11 ms/half-sine per IEC 60068-2-27; Long-term: 30g/6 ms/half-sine per IEC 60068-2-29
EMC immunity to interference	per EN 61000-6-2
EMC emission of interference	per EN 61000-6-4

Commercial data





ETIM 8.0	EC001599
ETIM 7.0	EC001599
PU (SPU)	1 pcs
Packaging type	box
Country of origin	DE
GTIN	4055143949972
Customs tariff number	85371098990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
------------------------	-------------------------

Required accessories

Marking accessories

Marking strip		
	Item no.: 2009-110 Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white	www.wago.com/2009-110
Marker		
	Item no.: 2009-115 WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	www.wago.com/2009-115
Cover		
Cover		
	Item no.: 756-8102 M12 protective cap; for unused sockets	www.wago.com/756-8102
	Item no.: 756-8103 M12 protective cap; for unused plugs	www.wago.com/756-8103
Tool		
Assembly tool		

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

Item no.: 206-701












Torque wrench M8 and M12; Assembly kit

www.wago.com/206-701

Optional accessories

Cables and pluggable connectors

Sensor/actuator cable

	<p>Item no.: 756-5402/040-010 Sensor/Actuator cable; M12A socket; straight; M12A plug; angled; 4-pole; Length: 1 m</p>	www.wago.com/756-5402/040-010
	<p>Item no.: 756-5402/040-020 Sensor/Actuator cable; M12A socket; straight; M12A plug; angled; 4-pole; Length: 2 m</p>	www.wago.com/756-5402/040-020
	<p>Item no.: 756-5311/040-050 Sensor/Actuator cable; M12A plug; straight; 4-pole; Length: 5 m</p>	www.wago.com/756-5311/040-050
	<p>Item no.: 756-5311/040-015 Sensor/Actuator cable; M12A plug; straight; 4-pole; Length: 1.5 m</p>	www.wago.com/756-5311/040-015
	<p>Item no.: 756-5311/040-100 Sensor/Actuator cable; M12A plug; straight; 4-pole; Length: 10 m</p>	www.wago.com/756-5311/040-100
	<p>Item no.: 756-5404/040-020 Sensor/Actuator cable; M12A socket; angled; M12A plug; angled; 4-pole; Length: 2 m</p>	www.wago.com/756-5404/040-020
	<p>Item no.: 756-5510/040-010 Sensor/Actuator cable; M8 socket; angled; M12A plug; angled; 4-pole; Length: 1 m</p>	www.wago.com/756-5510/040-010
	<p>Item no.: 756-5510/040-020 Sensor/Actuator cable; M8 socket; angled; M12A plug; angled; 4-pole; Length: 2 m</p>	www.wago.com/756-5510/040-020
	<p>Item no.: 756-5401/040-020 Sensor/Actuator cable; M12A socket; straight; M12A plug; straight; 4-pole; Length: 2 m</p>	www.wago.com/756-5401/040-020
	<p>Item no.: 756-5401/040-010 Sensor/Actuator cable; M12A socket; straight; M12A plug; straight; 4-pole; Length: 1 m</p>	www.wago.com/756-5401/040-010
	<p>Item no.: 756-5507/040-010 Sensor/Actuator cable; M8 socket; straight; M12A plug; straight; 4-pole; Length: 1 m</p>	www.wago.com/756-5507/040-010

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	Item no.: 756-5507/040-020 Sensor/Actuator cable; M8 socket; straight; M12A plug; straight; 4-pole; Length: 2 m	www.wago.com/756-5507/040-020
	Item no.: 756-5404/040-010 Sensor/Actuator cable; M12A socket; angled; M12A plug; angled; 4-pole; Length: 1 m	www.wago.com/756-5404/040-010
	Item no.: 756-5312/040-015 Sensor/Actuator cable; M12A plug; angled; 4-pole; Length: 1.5 m	www.wago.com/756-5312/040-015
	Item no.: 756-5312/040-050 Sensor/Actuator cable; M12A plug; angled; 4-pole; Length: 5 m	www.wago.com/756-5312/040-050
	Item no.: 756-5509/040-010 Sensor/Actuator cable; M8 socket; angled; M12A plug; straight; 4-pole; Length: 1 m	www.wago.com/756-5509/040-010
	Item no.: 756-5509/040-020 Sensor/Actuator cable; M8 socket; angled; M12A plug; straight; 4-pole; Length: 2 m	www.wago.com/756-5509/040-020
	Item no.: 756-5403/040-010 Sensor/Actuator cable; M12A socket; angled; M12A plug; straight; 4-pole; Length: 1 m	www.wago.com/756-5403/040-010
	Item no.: 756-5312/040-100 Sensor/Actuator cable; M12A plug; angled; 4-pole; Length: 10 m	www.wago.com/756-5312/040-100
	Item no.: 756-5403/040-020 Sensor/Actuator cable; M12A socket; angled; M12A plug; straight; 4-pole; Length: 2 m	www.wago.com/756-5403/040-020
	Item no.: 756-5508/040-010 Sensor/Actuator cable; M8 socket; straight; M12A plug; angled; 4-pole; Length: 1 m	www.wago.com/756-5508/040-010
	Item no.: 756-5508/040-020 Sensor/Actuator cable; M8 socket; straight; M12A plug; angled; 4-pole; Length: 2 m	www.wago.com/756-5508/040-020
Configurable connectors		
	Item no.: 756-9202/040-000 Fitted pluggable connector; 4-pole; M12 plug, straight, A-coded; Spring	www.wago.com/756-9202/040-000
	Item no.: 756-9205/040-000 Fitted pluggable connector; 4-pole; M12 plug, right angle; Spring	www.wago.com/756-9205/040-000

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



Item no.: 756-9711/050-000

Fitted pluggable connector; 5-pole, shielded; M12 socket, straight; IDC technology

www.wago.com/756-9711/050-000



Item no.: 756-9701/050-000

Fitted pluggable connector; 5-pole, shielded; M12 plug, straight; IDC technology

www.wago.com/756-9701/050-000

Configurable shielded connectors



Item no.: 756-9501/060-000

Fitted pluggable connector; 4-pole, shielded; M12 plug, straight, D-coded; Spring

www.wago.com/756-9501/060-000



Item no.: 756-9501/040-000

Accessories; M12 plug, right angle; 4-pole

www.wago.com/756-9501/040-000

Power cable



Item no.: 756-3501/050-075

Power cable; M12L socket; straight; 5-pole; Length: 7.5 m

www.wago.com/756-3501/050-075



Item no.: 756-3501/050-100

Power cable; M12L socket; straight; 5-pole; Length: 10 m

www.wago.com/756-3501/050-100



Item no.: 756-3501/050-150

Power cable; M12L socket; straight; 5-pole; Length: 15 m

www.wago.com/756-3501/050-150



Item no.: 756-3501/050-050

Power cable; M12L socket; straight; 5-pole; Length: 5 m

www.wago.com/756-3501/050-050



Item no.: 756-3502/050-050

Power cable; M12L socket; angled; 5-pole; Length: 5 m

www.wago.com/756-3502/050-050



Item no.: 756-3502/050-150

Power cable; M12L socket; angled; 5-pole; Length: 15 m

www.wago.com/756-3502/050-150

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	Item no.: 756-3502/050-075 Power cable; M12L socket; angled; 5-pole; Length: 7.5 m	www.wago.com/756-3502/050-075
	Item no.: 756-3502/050-100 Power cable; M12L socket; angled; 5-pole; Length: 10 m	www.wago.com/756-3502/050-100
	Item no.: 756-3503/050-075 Power cable; M12L plug; straight; 5-pole; Length: 7.5 m	www.wago.com/756-3503/050-075
	Item no.: 756-3503/050-150 Power cable; M12L plug; straight; 5-pole; Length: 15 m	www.wago.com/756-3503/050-150
	Item no.: 756-3503/050-100 Power cable; M12L plug; straight; 5-pole; Length: 10 m	www.wago.com/756-3503/050-100
	Item no.: 756-3505/050-003 Power cable; M12L socket; straight; M12L plug; straight; 5-pole; Length: 0.3 m	www.wago.com/756-3505/050-003
	Item no.: 756-3505/050-005 Power cable; M12L socket; straight; M12L plug; straight; 5-pole; Length: 0.5 m	www.wago.com/756-3505/050-005
	Item no.: 756-3505/050-020 Power cable; M12L socket; straight; M12L plug; straight; 5-pole; Length: 2 m	www.wago.com/756-3505/050-020
	Item no.: 756-3505/050-010 Power cable; M12L socket; straight; M12L plug; straight; 5-pole; Length: 1 m	www.wago.com/756-3505/050-010
	Item no.: 756-3505/050-050 Power cable; M12L socket; straight; M12L plug; straight; 5-pole; Length: 5 m	www.wago.com/756-3505/050-050
	Item no.: 756-3505/050-075 Power cable; M12L socket; straight; M12L plug; straight; 5-pole; Length: 7.5 m	www.wago.com/756-3505/050-075
	Item no.: 756-3505/050-100 Power cable; M12L socket; straight; M12L plug; straight; 5-pole; Length: 10 m	www.wago.com/756-3505/050-100

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	Item no.: 756-3506/050-100 Power cable; M12L socket; angled; M12L plug; angled; 5-pole; Length: 10 m	www.wago.com/756-3506/050-100
	Item no.: 756-3506/050-075 Power cable; M12L socket; angled; M12L plug; angled; 5-pole; Length: 7.5 m	www.wago.com/756-3506/050-075
	Item no.: 756-3506/050-150 Power cable; M12L socket; angled; M12L plug; angled; 5-pole; Length: 15 m	www.wago.com/756-3506/050-150
	Item no.: 756-3501/050-020 Power cable; M12L socket; straight; 5-pole; Length: 2 m	www.wago.com/756-3501/050-020
	Item no.: 756-3502/050-020 Power cable; M12L socket; angled; 5-pole; Length: 2 m	www.wago.com/756-3502/050-020
	Item no.: 756-3503/050-020 Power cable; M12L plug; straight; 5-pole; Length: 2 m	www.wago.com/756-3503/050-020
	Item no.: 756-3503/050-050 Power cable; M12L plug; straight; 5-pole; Length: 5 m	www.wago.com/756-3503/050-050
	Item no.: 756-3504/050-020 Power cable; M12L plug; angled; 5-pole; Length: 2 m	www.wago.com/756-3504/050-020
	Item no.: 756-3504/050-050 Power cable; M12L plug; angled; 5-pole; Length: 5 m	www.wago.com/756-3504/050-050
	Item no.: 756-3504/050-075 Power cable; M12L plug; angled; 5-pole; Length: 7.5 m	www.wago.com/756-3504/050-075
	Item no.: 756-3504/050-100 Power cable; M12L plug; angled; 5-pole; Length: 10 m	www.wago.com/756-3504/050-100
	Item no.: 756-3504/050-150 Power cable; M12L plug; angled; 5-pole; Length: 15 m	www.wago.com/756-3504/050-150

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

	Item no.: 756-3505/050-150 Power cable; M12L socket; straight; M12L plug; straight; 5-pole; Length: 15 m	www.wago.com/756-3505/050-150
	Item no.: 756-3506/050-003 Power cable; M12L socket; angled; M12L plug; angled; 5-pole; Length: 0.3 m	www.wago.com/756-3506/050-003
	Item no.: 756-3506/050-005 Power cable; M12L socket; angled; M12L plug; angled; 5-pole; Length: 0.5 m	www.wago.com/756-3506/050-005
	Item no.: 756-3506/050-020 Power cable; M12L socket; angled; M12L plug; angled; 5-pole; Length: 2 m	www.wago.com/756-3506/050-020
	Item no.: 756-3506/050-010 Power cable; M12L socket; angled; M12L plug; angled; 5-pole; Length: 1 m	www.wago.com/756-3506/050-010
	Item no.: 756-3506/050-050 Power cable; M12L socket; angled; M12L plug; angled; 5-pole; Length: 5 m	www.wago.com/756-3506/050-050
Distribution connector		
	Item no.: 756-5513/040-010 Sensor/Actuator cable; 2xM8 socket; straight; M12A plug; straight; 4-pole; Length: 1 m	www.wago.com/756-5513/040-010
	Item no.: 756-5513/040-020 Sensor/Actuator cable; 2xM8 socket; straight; M12A plug; straight; 4-pole; Length: 2 m	www.wago.com/756-5513/040-020
	Item no.: 756-5514/040-010 Sensor/Actuator cable; 2xM8 socket; angled; M12A plug; straight; 4-pole; Length: 1 m	www.wago.com/756-5514/040-010
	Item no.: 756-5514/040-020 Sensor/Actuator cable; 2xM8 socket; angled; M12A plug; straight; 4-pole; Length: 2 m	www.wago.com/756-5514/040-020
	Item no.: 756-5516/040-010 Sensor/Actuator cable; 2xM12 socket; straight; M12A plug; straight; 4-pole; Length: 1 m	www.wago.com/756-5516/040-010
	Item no.: 756-5516/040-020 Sensor/Actuator cable; 2xM12 socket; straight; M12A plug; straight; 4-pole; Length: 2 m	www.wago.com/756-5516/040-020
	Item no.: 756-5517/040-010 Sensor/Actuator cable; 2xM12 socket; angled; M12A plug; straight; 4-pole; Length: 1 m	www.wago.com/756-5517/040-010

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Item no.: 756-5517/040-020
Sensor/Actuator cable; 2xM12 socket; angled; M12A plug; straight; 4-pole; Length: 2 m

www.wago.com/756-5517/040-020



Item no.: 756-9301/050-000
Accessories; 5-pole

www.wago.com/756-9301/050-000



Item no.: 756-9301/040-000
Accessories; 4-pole

www.wago.com/756-9301/040-000

Adapter



Item no.: 756-9503/040-000
Accessories; 4-pole

www.wago.com/756-9503/040-000



Item no.: 756-9504/040-000
Accessories; 4-pole

www.wago.com/756-9504/040-000

ETHERNET/PROFINET cable



Item no.: 756-1202/060-200
ETHERNET cable; M12D plug; angled; 4-pole; Length: 20 m

www.wago.com/756-1202/060-200



Item no.: 756-1201/060-100
ETHERNET cable; M12D plug; straight; 4-pole; Length: 10 m

www.wago.com/756-1201/060-100



Item no.: 756-1201/060-050
ETHERNET cable; M12D plug; straight; 4-pole; Length: 5 m

www.wago.com/756-1201/060-050



Item no.: 756-1203/060-050
ETHERNET cable; M12D plug; straight; M12D plug; straight; 4-pole; Length: 5 m

www.wago.com/756-1203/060-050



Item no.: 756-1203/060-020
ETHERNET cable; M12D plug; straight; M12D plug; straight; 4-pole; Length: 2 m

www.wago.com/756-1203/060-020



Item no.: 756-1202/060-020
ETHERNET cable; M12D plug; angled; 4-pole; Length: 2 m

www.wago.com/756-1202/060-020

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Item no.: 756-1201/060-200
ETHERNET cable; M12D plug; straight; 4-pole; Length: 20 m

www.wago.com/756-1201/060-200



Item no.: 756-1204/060-050
ETHERNET cable; M12D plug; angled; M12D plug; angled; 4-pole; Length: 5 m

www.wago.com/756-1204/060-050



Item no.: 756-1204/060-100
ETHERNET cable; M12D plug; angled; M12D plug; angled; 4-pole; Length: 10 m

www.wago.com/756-1204/060-100



Item no.: 756-1204/060-200
ETHERNET cable; M12D plug; angled; M12D plug; angled; 4-pole; Length: 20 m

www.wago.com/756-1204/060-200



Item no.: 756-1203/060-200
ETHERNET cable; M12D plug; straight; M12D plug; straight; 4-pole; Length: 20 m

www.wago.com/756-1203/060-200



Item no.: 756-1203/060-100
ETHERNET cable; M12D plug; straight; M12D plug; straight; 4-pole; Length: 10 m

www.wago.com/756-1203/060-100



Item no.: 756-1204/060-010
ETHERNET cable; M12D plug; angled; M12D plug; angled; 4-pole; Length: 1 m

www.wago.com/756-1204/060-010



Item no.: 756-1204/060-030
ETHERNET cable; M12D plug; angled; M12D plug; angled; 4-pole; Length: 3 m

www.wago.com/756-1204/060-030



Item no.: 756-1204/060-020
ETHERNET cable; M12D plug; angled; M12D plug; angled; 4-pole; Length: 2 m

www.wago.com/756-1204/060-020



Item no.: 756-1202/060-050
ETHERNET cable; M12D plug; angled; 4-pole; Length: 5 m

www.wago.com/756-1202/060-050



Item no.: 756-1202/060-100
ETHERNET cable; M12D plug; angled; 4-pole; Length: 10 m

www.wago.com/756-1202/060-100



Item no.: 756-1201/060-020
ETHERNET cable; M12D plug; straight; 4-pole; Length: 2 m

www.wago.com/756-1201/060-020

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Downloads

Documentation

Manual

Product Manual 16-Channel Digital Output; Profinet DC 24 V / 2.0 A; 8xM12 Connection; WideLine	V 2.2.0 2022 Jul 19	pdf 8.1 MB	Download
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Instruction Leaflet

I/O System Field package insert	2021 Dec 15	pdf 1.1 MB	Download
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System Description

WAGO I/O System Field; General Product Information		pdf 1.0 MB	Download
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Runtime Software

Firmware

0765-x1xx, Profinet IO-Field WAGO_FW0765-x1xx_V01010021_IX04	V 04 2023 Feb 2	zip 1.6 MB	Download
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CAD/CAE-Data

CAD data

2D/3D Models 765-1103/100-000		URL	Download
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CAE data

ZUKEN Portal 765-1103/100-000		URL	Download
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EPLAN Data Portal 765-1103/100-000		URL	Download
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Device Files

Device Description File

750-916; GSD files of version 2.x for PROFINET/ series 750/753, 765, 767 and 852	3.0 2023 Jan 15	zip 2.6 MB	Download
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Gerätebeschreibungsdateien 765-41xx, 765-11xx, PROFINET

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V1_1_0_20

zip
27.5 kB

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 765-1103/100-000

URL

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16-channel digital output; Profinet; DC 24 V / 2.0 A; 8xM12 connection; WideLine

Installation Notes

Product family

WAGO I/O System Field

[Show all products from the family](#)

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