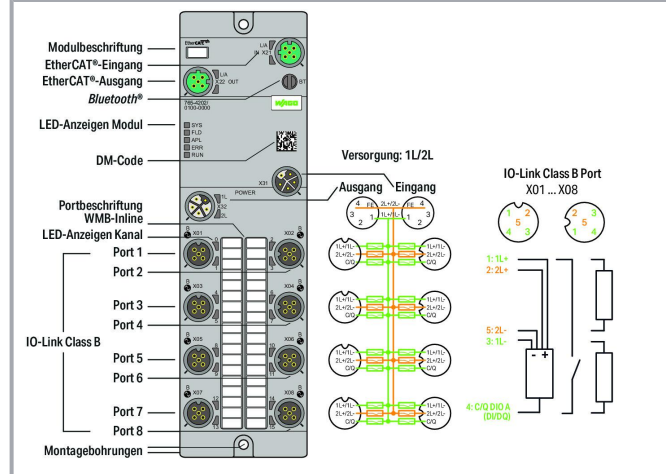


Data sheet | Item number: 765-4202/100-000

8-Port IO-Link Master Class B; EtherCAT; DC 24 V / 2.0 A; 8xM12  
connection; WideLine

[www.wago.com/765-4202/100-000](http://www.wago.com/765-4202/100-000)



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

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## Item description

Application area:

Decentralized processing of digital and IO-Link signals

This device controls IO-Link-capable digital field devices (e.g., actuators and hubs) and records digital signals from IO-Link-capable field devices (e.g., sensors and hubs) that are sent or received by a higher-level controller.

The device is designed as a Class B master and offers 8 IO-Link ports or 8 digital inputs/outputs.

IO-Link:

The device has several IO-Link communication interfaces for interoperability with IO-Link devices.

The IO-Link interface enables direct access to the process and diagnostic data and allows the parameters of the connected devices to be set during operation.

The IODD can also be downloaded via IODDfinder (<https://ioddfinder.io-link.com>).

## Data

### Technical data

#### Fieldbus

|                                               |                                     |
|-----------------------------------------------|-------------------------------------|
| Communications                                | EtherCAT®<br>AoE, EoE, FoE          |
| Connection technology: communication/fieldbus | 2 x D-coded M12; 4-pole             |
| Interface standard                            | 10BASE-T/100BASE-TX; potential-free |
| Autonegotiation; autocrossover                | yes                                 |

#### Device functions

|                  |                                                      |
|------------------|------------------------------------------------------|
| Parameter        | Input filter<br>Output current<br>Temperature        |
| Diagnostics      | Undervoltage; Overcurrent; Overload; Overtemperature |
| Device functions | Bluetooth®<br>OPC UA server                          |
| Visualization    | Android/iOS app<br>Web server                        |

#### IO-Link master

|                               |                             |
|-------------------------------|-----------------------------|
| IO-Link master classification | Class B; V1.1 specification |
|-------------------------------|-----------------------------|

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|                |                                                                                                        |
|----------------|--------------------------------------------------------------------------------------------------------|
| Port-Modus     | IO-Link: autoconfig, manual, tool-based<br>DI<br>DO                                                    |
| Cycle time     | 400 µs (min.)                                                                                          |
| Operating mode | IO-Link master, DI or DO (adjustable for pin 4 per port); Supply voltage 2L (fixed for pin 2 per port) |

### IO-Link ports

|                                       |                                                                         |
|---------------------------------------|-------------------------------------------------------------------------|
| Number of digital inputs              | 8                                                                       |
| Number of digital outputs             | 8                                                                       |
| Connection technology: inputs/outputs | 8 x A-coded M12; 5-pole                                                 |
| Signal type (voltage)                 | 24 VDC                                                                  |
| Input characteristic                  | High-side switching                                                     |
| Input filter                          | 0.2 ... 20 ms                                                           |
| Input characteristic                  | Type 3, per IEC 61131-2                                                 |
| Output current (per channel)          | 2 A (typ.) for DO                                                       |
| Supply current per port               | 1L (Pin 1): 1 A for IO-Link; 4 A (max.) for DIO; 2L (Pin 2): 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 |

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|                                          |                                                                                                      |
|------------------------------------------|------------------------------------------------------------------------------------------------------|
| 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)                                                                                       |
| 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 9.0              | EC001601      |
| ETIM 8.0              | EC001601      |
| Recupel Type          |               |
| ECCN                  | NO DATA       |
| PU (SPU)              | 1 pcs         |
| Country of origin     | DE            |
| GTIN                  | 4066966063141 |
| Customs tariff number | 85371098990   |

## Environmental Product Compliance

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

## Approvals / Certificates

### General approvals

| Logo                                                                               | Approval                                                  | Additional Approval Text | Certificate name         |
|------------------------------------------------------------------------------------|-----------------------------------------------------------|--------------------------|--------------------------|
|  | EAC<br>GZO Almaty Standart                                | TP TC 020/2011           | EAC CoC<br>03083         |
|   | KC<br>National Radio Research Agency                      | Article 58-2, Clause 3   | KC R-R-<br>W43-<br>FB765 |
|                                                                                    | UL<br>Underwriters Laboratories Inc. (ORDINARY LOCATIONS) | -                        | E175199                  |

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#### Declarations of conformity and manufacturer's declarations

| Logo                                                                             | Approval                                           | Additional Approval Text | Certificate name |
|----------------------------------------------------------------------------------|----------------------------------------------------|--------------------------|------------------|
|  | EU-Declaration of Conformity<br>WAGO GmbH & Co. KG | -                        | -                |

#### Required accessories

##### Tool

|                                                                                 |                                                             |  |                                                                |
|---------------------------------------------------------------------------------|-------------------------------------------------------------|--|----------------------------------------------------------------|
| Assembly tool                                                                   |                                                             |  |                                                                |
|  | Item no.: 206-701<br>Torque wrench M8 and M12; Assembly kit |  | <a href="http://www.wago.com/206-701">www.wago.com/206-701</a> |

##### Cover

|                                                                                   |                                                              |  |                                                                  |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------|--|------------------------------------------------------------------|
| Cover                                                                             |                                                              |  |                                                                  |
|   | Item no.: 756-8102<br>M12 protective cap; for unused sockets |  | <a href="http://www.wago.com/756-8102">www.wago.com/756-8102</a> |
|  | Item no.: 756-8103<br>M12 protective cap; for unused plugs   |  | <a href="http://www.wago.com/756-8103">www.wago.com/756-8103</a> |

#### Marking accessories

|                                                                                    |                                                                                                                              |  |                                                                  |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------|
| Marking strip                                                                      |                                                                                                                              |  |                                                                  |
|  | Item no.: 2009-110<br>Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white                |  | <a href="http://www.wago.com/2009-110">www.wago.com/2009-110</a> |
| Marker                                                                             |                                                                                                                              |  |                                                                  |
|  | Item no.: 2009-115<br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white |  | <a href="http://www.wago.com/2009-115">www.wago.com/2009-115</a> |

#### Optional accessories

##### Cables and pluggable connectors

|                        |  |  |  |
|------------------------|--|--|--|
| Configurable Connector |  |  |  |
|------------------------|--|--|--|

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**Item no.: 756-9202/050-000**

Fitted pluggable connector; 5-pole; M12 plug, straight, A-coded; Spring

[www.wago.com/756-9202/050-000](http://www.wago.com/756-9202/050-000)**Item no.: 756-9205/050-000**

Fitted pluggable connector; 5-pole; M12 plug, right angle; Spring

[www.wago.com/756-9205/050-000](http://www.wago.com/756-9205/050-000)**Item no.: 756-9711/050-000**

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

[www.wago.com/756-9711/050-000](http://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](http://www.wago.com/756-9701/050-000)

## Sensor/actuator cable

**Item no.: 756-5402/050-010**

Sensor/Actuator cable; M12A socket; straight; M12A plug; angled; 5-pole; Length: 1 m

[www.wago.com/756-5402/050-010](http://www.wago.com/756-5402/050-010)**Item no.: 756-5311/050-015**

Sensor/Actuator cable; M12A plug; straight; 5-pole; Length: 1.5 m

[www.wago.com/756-5311/050-015](http://www.wago.com/756-5311/050-015)**Item no.: 756-5404/050-020**

Sensor/Actuator cable; M12A socket; angled; M12A plug; angled; 5-pole; Length: 2 m

[www.wago.com/756-5404/050-020](http://www.wago.com/756-5404/050-020)**Item no.: 756-5404/050-010**

Sensor/Actuator cable; M12A socket; angled; M12A plug; angled; 5-pole; Length: 1 m

[www.wago.com/756-5404/050-010](http://www.wago.com/756-5404/050-010)**Item no.: 756-5402/050-020**

Sensor/Actuator cable; M12A socket; straight; M12A plug; angled; 5-pole; Length: 2 m

[www.wago.com/756-5402/050-020](http://www.wago.com/756-5402/050-020)**Item no.: 756-5312/050-015**

Sensor/Actuator cable; M12A plug; angled; 5-pole; Length: 1.5 m

[www.wago.com/756-5312/050-015](http://www.wago.com/756-5312/050-015)**Item no.: 756-5312/050-050**

Sensor/Actuator cable; M12A plug; angled; 5-pole; Length: 5 m

[www.wago.com/756-5312/050-050](http://www.wago.com/756-5312/050-050)**Item no.: 756-5312/050-100**

Sensor/Actuator cable; M12A plug; angled; 5-pole; Length: 10 m

[www.wago.com/756-5312/050-100](http://www.wago.com/756-5312/050-100)

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**Item no.: 756-5403/050-020**

Sensor/Actuator cable; M12A socket; angled; M12A plug; straight; 5-pole; Length: 2 m

[www.wago.com/756-5403/050-020](http://www.wago.com/756-5403/050-020)**Item no.: 756-5403/050-010**

Sensor/Actuator cable; M12A socket; angled; M12A plug; straight; 5-pole; Length: 1 m

[www.wago.com/756-5403/050-010](http://www.wago.com/756-5403/050-010)**Item no.: 756-5311/050-100**

Sensor/Actuator cable; M12A plug; straight; 5-pole; Length: 10 m

[www.wago.com/756-5311/050-100](http://www.wago.com/756-5311/050-100)**Item no.: 756-5311/050-050**

Sensor/Actuator cable; M12A plug; straight; 5-pole; Length: 5 m

[www.wago.com/756-5311/050-050](http://www.wago.com/756-5311/050-050)**Item no.: 756-5401/050-010**

Sensor/Actuator cable; M12A socket; straight; M12A plug; straight; 5-pole; Length: 1 m

[www.wago.com/756-5401/050-010](http://www.wago.com/756-5401/050-010)**Item no.: 756-5401/050-020**

Sensor/Actuator cable; M12A socket; straight; M12A plug; straight; 5-pole; Length: 2 m

[www.wago.com/756-5401/050-020](http://www.wago.com/756-5401/050-020)**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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://www.wago.com/756-3504/050-100)



**Item no.: 756-3504/050-150**

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

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**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](http://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](http://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](http://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](http://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](http://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](http://www.wago.com/756-3506/050-050)

#### Distribution connector



**Item no.: 756-9301/050-000**

Accessories; 5-pole

[www.wago.com/756-9301/050-000](http://www.wago.com/756-9301/050-000)

#### Configurable Shielded Connector



**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](http://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](http://www.wago.com/756-9501/040-000)

#### 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](http://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](http://www.wago.com/756-1201/060-100)

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

[www.wago.com/756-1201/060-050](http://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](http://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](http://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](http://www.wago.com/756-1202/060-020)



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

[www.wago.com/756-1201/060-200](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://www.wago.com/756-1204/060-020)

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



Item no.: 756-1202/060-050

ETHERNET cable; M12D plug; angled; 4-pole; Length: 5 m

[www.wago.com/756-1202/060-050](http://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](http://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](http://www.wago.com/756-1201/060-020)

## Downloads

### Documentation

#### Manual

|                                                                                                       |                         |               |          |
|-------------------------------------------------------------------------------------------------------|-------------------------|---------------|----------|
| Product Manual 8-Port-IO Link Master Class B; EtherCAT; 24 VDC / 2.0 A;<br>8xM12 Connection; WideLine | V 2.0.0<br>Jul 19, 2022 | pdf<br>9.1 MB | Download |
|-------------------------------------------------------------------------------------------------------|-------------------------|---------------|----------|

#### Instruction Leaflet

|                                 |              |               |          |
|---------------------------------|--------------|---------------|----------|
| I/O System Field package insert | Dec 15, 2021 | pdf<br>1.1 MB | Download |
|---------------------------------|--------------|---------------|----------|

#### System Description

|                                                    |  |               |          |
|----------------------------------------------------|--|---------------|----------|
| WAGO I/O System Field; General Product Information |  | pdf<br>1.0 MB | Download |
|----------------------------------------------------|--|---------------|----------|

## Application Notes

### Application Note e!COCKPIT

|                                                                                                                   |                       |                |          |
|-------------------------------------------------------------------------------------------------------------------|-----------------------|----------------|----------|
| e!COCKPIT Application Note EtherCAT IO-Field (a2022003)<br>WAGO EtherCAT Master, EoE access with IO-Field devices | 1.0.0<br>Mar 23, 2023 | pptx<br>2.2 MB | Download |
|-------------------------------------------------------------------------------------------------------------------|-----------------------|----------------|----------|

## Engineering-Software

### Desktop Application

|                           |     |          |
|---------------------------|-----|----------|
| WAGO IO-Link Configurator | URL | Download |
|---------------------------|-----|----------|

WAGO IO-Link Configurator allows configuration, parameterization, operation and monitoring of WAGO IO-Link Masters in the WAGO I/O System 750 and WAGO I/O System Field, and especially of the WAGO IO-Link devices connected to them.

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

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Additionally, WAGO IO-Link Configurator can be used for complete configuration and operation of all IO-Link devices of third-party manufacturers, as long as they comply with the IO-Link specification. A product's process data can be visualized graphically and stored in trend curves. Up to eight elements can be selected for visualization, and the data can be recorded for up to 24 hours.

Device description files for the IO-Link Masters (IOLM) or IO-Link Devices (IODD) can be used to integrate new devices into the tool at any time. Convenient access to the IO-Link user organization's IODDfinder is available for the IODDs. This allows automated, selective download of IODDs when integrating new IO-Link devices. An integrated IODD viewer allows detailed insight into the IODD device description.

WAGO IO-Link Configurator can be used either as a standalone program or integrated into engineering systems with a TCI interface and WAGO-I/O-CHECK.

IO-Link Configurator can also be used to integrate the IO-Link Master (750-657) of the WAGO I/O System 750 Series and to access all the configurator's functions. This is made possible by the WAGO I/O System 750 IO-Link Adapter, which can be retrofitted. The WAGO I/O System 750 IO-Link Adapter requires the current version of WAGO IO-Link Configurator and a current version of WAGO-I/O-CHECK.

In addition, the download file contains the device descriptions for the respective fieldbus systems of the WAGO I/O System Field modules. These are pre-installed in the Configurator setup.

The WAGO IO-Link Configurator license is assigned to the specific PC on which it is installed (a workstation license).

Register now and test our engineering software for 30 days at no cost.

## Runtime Software

### Firmware

|                                 |             |        |          |
|---------------------------------|-------------|--------|----------|
| 0765-x2xx, EtherCat IO-Field    | V 04        | zip    | Download |
| WAGO_FW0765-x2xx_V01010021_IX04 | Feb 2, 2023 | 1.6 MB |          |

## CAD/CAE-Data

### CAD data

|                               |     |          |
|-------------------------------|-----|----------|
| 2D/3D Models 765-4202/100-000 | URL | Download |
|-------------------------------|-----|----------|

### CAE data

|                                    |     |          |
|------------------------------------|-----|----------|
| EPLAN Data Portal 765-4202/100-000 | URL | Download |
|------------------------------------|-----|----------|

### Asset Administration Shell

|                                             |     |          |
|---------------------------------------------|-----|----------|
| Asset Administration Shell 765-4202/100-000 | URL | Download |
|---------------------------------------------|-----|----------|

## Device Files

### Device Description File

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Gerätebeschreibungsdateien 765-42xx, 765-12xx, EtherCAT

V1\_1\_0\_22

zip  
77.6 kB

[Download](#)

## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 765-4202/100-000

[URL](#)

[Download](#)

8-Port IO-Link Master Class B; EtherCAT; 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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