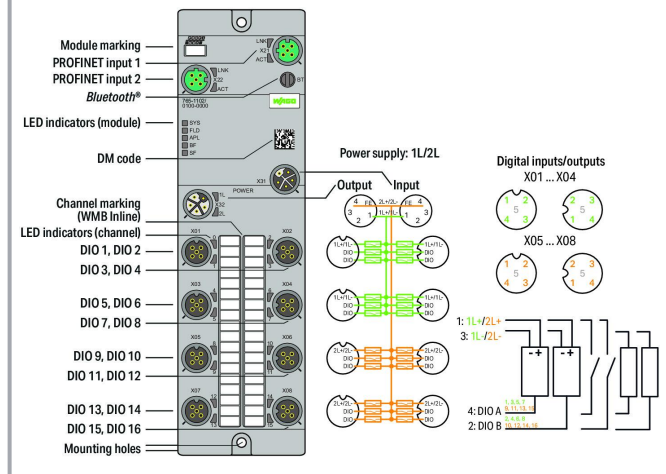


# Data sheet | Item number: 765-1102/100-000

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

[www.wago.com/765-1102/100-000](http://www.wago.com/765-1102/100-000)



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

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## Item description

Application:

Decentralized processing of digital signals

This device records and controls digital field device signals (e.g., sensors and actuators) that are received or controlled by a higher-level controller.

The device offers 16 digital inputs/outputs.

## Data

### Technical data

#### Fieldbus

|                                               |                                                                |
|-----------------------------------------------|----------------------------------------------------------------|
| Communications                                | PROFINET<br>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        | 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                        |

#### Digital inputs/outputs

|                                       |                         |
|---------------------------------------|-------------------------|
| Number of digital inputs              | 16                      |
| Number of digital outputs             | 16                      |
| 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       |

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|                         |                   |
|-------------------------|-------------------|
| Supply current per port | 1L/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)                                                                                       |
| 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 | EC001599 |
| ETIM 8.0 | EC001599 |

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|                       |               |
|-----------------------|---------------|
| Recupel Type          |               |
| ECCN                  | NO DATA       |
| PU (SPU)              | 1 pcs         |
| Packaging type        | box           |
| Country of origin     | DE            |
| GTIN                  | 4055143949965 |
| Customs tariff number | 85371098990   |

## Environmental Product Compliance

|                                           |                                       |
|-------------------------------------------|---------------------------------------|
| CAS-No.                                   | 7439-92-1                             |
| REACH Candidate List Substance            | Lead                                  |
| RoHS Compliance Status                    | Compliant, With Exemption             |
| RoHS Exemption                            | 6(c)<br>7(a)<br>7(c)-I                |
| SCIP notification number (Austria)        | 316e63bf-d533-4834-8825-c31b9f3fc712  |
| SCIP notification number (Belgium)        | 6d277029-5347-4551-94f2-fa10a9dd2342  |
| SCIP notification number (Bulgaria)       | 0f7b3fee-4e75-466f-b6fa-eb1c8fe11e07  |
| SCIP notification number (Czech Republic) | 2ea176d9-e06c-449f-996a-349c8c2b4731  |
| SCIP notification number (Denmark)        | 56087481-8142-4d00-95fb-c8df62e986a7  |
| SCIP notification number (Finland)        | 3367c9a8-17ae-4dd2-9ad3-241f92599e77  |
| SCIP notification number (France)         | 86c16806-356b-487d-bd5f-e3760e6a5116  |
| SCIP notification number (Germany)        | 1858bb32-546d-42d4-94eb-199f5258105c  |
| SCIP notification number (Hungary)        | 1a3fe7b0-a232-43d7-926a-05a158eac769  |
| SCIP notification number (Italy)          | 44e49bf2-baff-4d87-8a23-5eaeaf40aa15f |
| SCIP notification number (Netherlands)    | b52634b5-7d36-45f8-875d-8b198b46841d  |
| SCIP notification number (Poland)         | afbcb304-812f-4a5f-8078-7fa17279616e  |
| SCIP notification number (Romania)        | 8adee8be-e5a8-41be-9b50-d303701ff954  |
| SCIP notification number (Sweden)         | 9466b03d-8320-4ed2-a9d8-448726aa55f3  |

## 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                         | Article 58-2, Clause 3   | KC R-R-          |

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National Radio Research Agency

W43-  
FB765



UL  
Underwriters Laboratories Inc. (ORDINARY  
LOCATIONS)

-

E175199

#### 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

##### 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> |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|

##### 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> |

#### Optional accessories

##### Cables and pluggable connectors

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

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**Item no.: 756-9202/040-000**

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

[www.wago.com/756-9202/040-000](http://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](http://www.wago.com/756-9205/040-000)**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.: 756-5402/040-010**

Sensor/Actuator cable; M12A socket; straight; M12A plug; angled; 4-pole; Length: 1 m

[www.wago.com/756-5402/040-010](http://www.wago.com/756-5402/040-010)**Item no.: 756-5402/040-020**

Sensor/Actuator cable; M12A socket; straight; M12A plug; angled; 4-pole; Length: 2 m

[www.wago.com/756-5402/040-020](http://www.wago.com/756-5402/040-020)**Item no.: 756-5311/040-050**

Sensor/Actuator cable; M12A plug; straight; 4-pole; Length: 5 m

[www.wago.com/756-5311/040-050](http://www.wago.com/756-5311/040-050)**Item no.: 756-5311/040-015**

Sensor/Actuator cable; M12A plug; straight; 4-pole; Length: 1.5 m

[www.wago.com/756-5311/040-015](http://www.wago.com/756-5311/040-015)**Item no.: 756-5311/040-100**

Sensor/Actuator cable; M12A plug; straight; 4-pole; Length: 10 m

[www.wago.com/756-5311/040-100](http://www.wago.com/756-5311/040-100)**Item no.: 756-5404/040-020**

Sensor/Actuator cable; M12A socket; angled; M12A plug; angled; 4-pole; Length: 2 m

[www.wago.com/756-5404/040-020](http://www.wago.com/756-5404/040-020)**Item no.: 756-5510/040-010**

Sensor/Actuator cable; M8 socket; angled; M12A plug; angled; 4-pole; Length: 1 m

[www.wago.com/756-5510/040-010](http://www.wago.com/756-5510/040-010)**Item no.: 756-5510/040-020**

Sensor/Actuator cable; M8 socket; angled; M12A plug; angled; 4-pole; Length: 2 m

[www.wago.com/756-5510/040-020](http://www.wago.com/756-5510/040-020)

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**Item no.: 756-5401/040-020**

Sensor/Actuator cable; M12A socket; straight; M12A plug; straight; 4-pole; Length: 2 m

[www.wago.com/756-5401/040-020](http://www.wago.com/756-5401/040-020)**Item no.: 756-5401/040-010**

Sensor/Actuator cable; M12A socket; straight; M12A plug; straight; 4-pole; Length: 1 m

[www.wago.com/756-5401/040-010](http://www.wago.com/756-5401/040-010)**Item no.: 756-5507/040-010**

Sensor/Actuator cable; M8 socket; straight; M12A plug; straight; 4-pole; Length: 1 m

[www.wago.com/756-5507/040-010](http://www.wago.com/756-5507/040-010)**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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://www.wago.com/756-5508/040-010)

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Sensor/Actuator cable; M8 socket; straight; M12A plug; angled; 4-pole; Length: 2 m

[www.wago.com/756-5508/040-020](http://www.wago.com/756-5508/040-020)

## 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)**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)

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**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)**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)

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**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

[www.wago.com/756-3504/050-150](http://www.wago.com/756-3504/050-150)**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

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

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**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](http://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](http://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](http://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](http://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](http://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](http://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](http://www.wago.com/756-5517/040-010)**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](http://www.wago.com/756-5517/040-020)**Item no.: 756-9301/050-000**

Accessories; 5-pole

[www.wago.com/756-9301/050-000](http://www.wago.com/756-9301/050-000)**Item no.: 756-9301/040-000**

Accessories; 4-pole

[www.wago.com/756-9301/040-000](http://www.wago.com/756-9301/040-000)

## Adapter

**Item no.: 756-9503/040-000**

Accessories; 4-pole

[www.wago.com/756-9503/040-000](http://www.wago.com/756-9503/040-000)**Item no.: 756-9504/040-000**

Accessories; 4-pole

[www.wago.com/756-9504/040-000](http://www.wago.com/756-9504/040-000)

## Configurable Shielded Connector

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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)



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)

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|                                                                                    |                                                                                                              |                                                                                  |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
|    | Item no.: 756-1203/060-200<br>ETHERNET cable; M12D plug; straight; M12D plug; straight; 4-pole; Length: 20 m | <a href="http://www.wago.com/756-1203/060-200">www.wago.com/756-1203/060-200</a> |
|    | Item no.: 756-1203/060-100<br>ETHERNET cable; M12D plug; straight; M12D plug; straight; 4-pole; Length: 10 m | <a href="http://www.wago.com/756-1203/060-100">www.wago.com/756-1203/060-100</a> |
|    | Item no.: 756-1204/060-010<br>ETHERNET cable; M12D plug; angled; M12D plug; angled; 4-pole; Length: 1 m      | <a href="http://www.wago.com/756-1204/060-010">www.wago.com/756-1204/060-010</a> |
|    | Item no.: 756-1204/060-030<br>ETHERNET cable; M12D plug; angled; M12D plug; angled; 4-pole; Length: 3 m      | <a href="http://www.wago.com/756-1204/060-030">www.wago.com/756-1204/060-030</a> |
|    | Item no.: 756-1204/060-020<br>ETHERNET cable; M12D plug; angled; M12D plug; angled; 4-pole; Length: 2 m      | <a href="http://www.wago.com/756-1204/060-020">www.wago.com/756-1204/060-020</a> |
|    | Item no.: 756-1202/060-050<br>ETHERNET cable; M12D plug; angled; 4-pole; Length: 5 m                         | <a href="http://www.wago.com/756-1202/060-050">www.wago.com/756-1202/060-050</a> |
|   | Item no.: 756-1202/060-100<br>ETHERNET cable; M12D plug; angled; 4-pole; Length: 10 m                        | <a href="http://www.wago.com/756-1202/060-100">www.wago.com/756-1202/060-100</a> |
|  | Item no.: 756-1201/060-020<br>ETHERNET cable; M12D plug; straight; 4-pole; Length: 2 m                       | <a href="http://www.wago.com/756-1201/060-020">www.wago.com/756-1201/060-020</a> |

## Downloads

### Documentation

|                                                                                                      |                         |               |          |
|------------------------------------------------------------------------------------------------------|-------------------------|---------------|----------|
| <b>Manual</b>                                                                                        |                         |               |          |
| Product Manual 16-Channel Digital Input/Output; Profinet DC 24 V / 2.0 A; 8xM12 Connection; WideLine | V 2.2.0<br>Jul 19, 2022 | pdf<br>8.3 MB | Download |
| <b>Instruction Leaflet</b>                                                                           |                         |               |          |
| I/O System Field package insert                                                                      | Dec 15, 2021            | pdf<br>1.1 MB | Download |
| <b>System Description</b>                                                                            |                         |               |          |
| WAGO I/O System Field; General Product Information                                                   |                         | pdf<br>1.0 MB | Download |

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



## Runtime Software

### Firmware

|                                 |             |        |          |
|---------------------------------|-------------|--------|----------|
| 0765-x1xx, Profinet IO-Field    | V 04        | zip    | Download |
| WAGO_FW0765-x1xx_V01010021_IX04 | Feb 2, 2023 | 1.6 MB |          |

## CAD/CAE-Data

### CAD data

|                               |     |          |
|-------------------------------|-----|----------|
| 2D/3D Models 765-1102/100-000 | URL | Download |
|-------------------------------|-----|----------|

### CAE data

|                               |     |          |
|-------------------------------|-----|----------|
| ZUKEN Portal 765-1102/100-000 | URL | Download |
|-------------------------------|-----|----------|

|                                    |     |          |
|------------------------------------|-----|----------|
| EPLAN Data Portal 765-1102/100-000 | URL | Download |
|------------------------------------|-----|----------|

### Asset Administration Shell

|                                             |     |          |
|---------------------------------------------|-----|----------|
| Asset Administration Shell 765-1102/100-000 | URL | Download |
|---------------------------------------------|-----|----------|

## Device Files

### Device Description File

|                                                                                  |     |     |          |
|----------------------------------------------------------------------------------|-----|-----|----------|
| 750-916; GSD files of version 2.x for PROFINET/ series 750/753, 765, 767 and 852 | 3.0 | URL | Download |
|----------------------------------------------------------------------------------|-----|-----|----------|

|                                                         |     |          |
|---------------------------------------------------------|-----|----------|
| Gerätebeschreibungsdateien 765-41xx, 765-11xx, PROFINET | URL | Download |
|---------------------------------------------------------|-----|----------|

## Environmental Product Compliance

### Compliance Search

|                                                   |     |          |
|---------------------------------------------------|-----|----------|
| Environmental Product Compliance 765-1102/100-000 | URL | Download |
|---------------------------------------------------|-----|----------|

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

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## Installation Notes

## Product family

WAGO I/O System Field

[Show all products from the family](#)

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