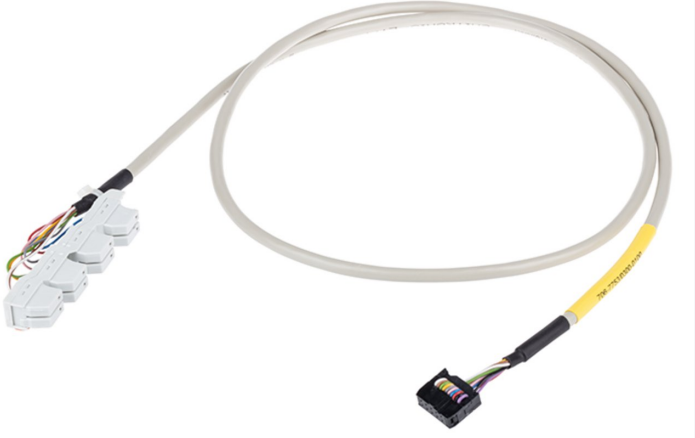
# Data Sheet | Item Number: 706-7753/300-100

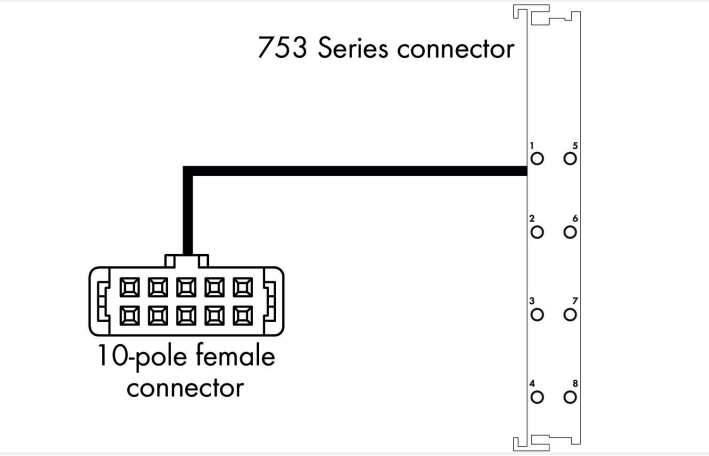
System cable; for WAGO-I/O-SYSTEM, 753 Series; 8 digital inputs or outputs; Length: 1 m; Conductor cross-section: 0.14 mm²

https://www.wago.com/706-7753/300-100










| Color coding acc. to DIN VDE 47100 | | 10 poles flat connector | | PLC connector | |
|---|---|---|---|---|---|
| | | Pin number | Wiring | Pin number | Signal |
| White | | 1 | 0.0 | 1 | ED1/SD1 |
| Brown | | 2 | 0.1 | 5 | ED2/SD2 |
| Green | | 3 | 0.2 | 2 | ED3/SD3 |
| Yellow | | 4 | 0.3 | 6 | ED4/SD4 |
| Grey | | 5 | 0.4 | 3 | ED5/SD5 |
| Pink | | 6 | 0.5 | 7 | ED6/SD6 |
| Blue | | 7 | 0.6 | 4 | ED7/SD7 |
| Red | | 8 | 0.7 | 8 | ED8/SD8 |
| Black | | 9 | nc | nc | nc |
| Violet | | 10 | nc | nc | nc |

**Short description:**

WAGO's interface cables provide fast and easy connection of WAGO's I/O modules equipped with a pluggable connector (e.g., 753-430, -431, -530) to the appropriate interface or relay modules featuring a 10-pole female connector.

## Notes

| | |
|---|---|
| Note | Observe the maximum operating temperature of the WAGO I/O modules used. |

## Electrical data

| | |
|---|---|
| Inputs/outputs | 8 digital inputs or outputs |
| Operating voltage | ≤ 35 VAC/VDC |
| Current per wire (max.) | 1 A |

## Compatibility

### WAGO

| | |
|---|---|
| WAGO I/O System 753 | 753-430 (x1)<br>753-431 (x1)<br>753-530 (x1) |

## Connection data

| | |
|---|---|
| Cable type | LiYY |
| Color code | per DIN VDE 47100 |

### Connection 1

| | |
|---|---|
| Pluggable connector | Pluggable connector (753 Series) |
| Pole number 1 | 8 |
| Connection type 1 | System |
| Wire cross-section | 0.14 mm² |

### Connection 2

| | |
|---|---|
| Connector 2 | Pluggable connector per DIN 41651; female connector |
| Pole number 2 | 10 |
| Connection type | System |

## Physical data

| | |
|---|---|
| Cable length | 1 m |

## Material data

| | |
|---|---|
| Fire load | 0 MJ |
| Weight | 58 g |

## Environmental requirements

| | |
|---|---|
| Ambient temperature (operation) | -20 … +50 °C |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## Commercial data

| | |
|---|---|
| Product Group | 30 (WAGO France) |
| eCl@ss 10.0 | 27-06-03-11 |
| eCl@ss 9.0 | 27-06-03-11 |
| ETIM 9.0 | EC000237 |
| ETIM 8.0 | EC000237 |
| PU (SPU) | 1 pcs |
| Packaging type | not specified |
| Country of origin | FR |
| GTIN | 4045454874100 |
| Customs tariff number | 85444290900 |

## Environmental Product Compliance

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

## Downloads

### Environmental Product Compliance

**Compliance Search**

Environmental Product Compliance 706-7753/300-100

### Documentation

**System Description**

| | | |
|---|---|---|
| WAGO System Wiring, Selection Guide | pdf 533.15 KB | |

**Bid Text**

| | | |
|---|---|---|
| 706-7753/300-100 | 19.02.2019 | xml 3.41 KB |

### CAD/CAE-Data

**CAE data**

WSCAD Universe 706-7753/300-100

## 1 Compatible Products

### 1.1 Optional Accessories

#### 1.1.1 Interface module

##### 1.1.1.1 Interface module



Item No.: 704-2003
Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 10-pole; 8-channel digital input or output; 3-wire connection; in mounting carrier



Item No.: 704-5003
Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 10-pole; 8-channel relay output; 1 changeover contact; Triple-deck PCB terminal blocks; in mounting carrier; 2,50 mm²



Item No.: 704-5013
Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 10-pole; 8-channel relay output; 1 changeover contact; Triple-deck PCB terminal blocks; with manual operation; in mounting carrier; 2,50 mm²



Item No.: 289-611
Interface module; Pluggable connector per DIN 41651; 10-pole; Triple-deck PCB terminal blocks; in mounting carrier; 2,50 mm²