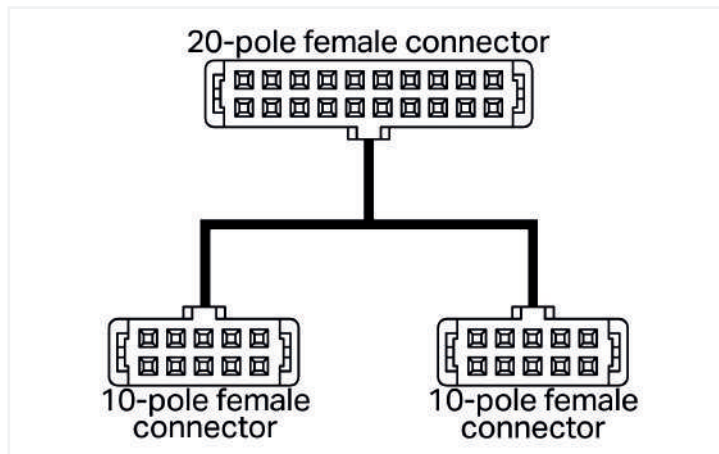


## Data Sheet | Item Number: 706-7753/302-100

System cable; for WAGO-I/O-SYSTEM, 750 Series; 8 digital inputs and 8 digital outputs; Length: 1 m; Conductor cross-section: 0.14 mm<sup>2</sup>

<https://www.wago.com/706-7753/302-100>



Color coding acc. to DIN VDE 47100		Interface connector		PLC connector	
Pin number	Wiring	Pin number	Signal	Pin number	Signal
White	1	INO.0	1	A1	
Brown	2	INO.1	2	A1	
Green	3	INO.2	3	A2	
Yellow	4	INO.3	4	A2	
Grey	5	INO.4	5	A3	
Pink	6	INO.5	6	A3	
Blue	7	INO.6	7	A4	
Red	8	INO.7	8	A4	
Black	9	+24V	17	+24V	
Violet	10	0V	18	0V	

Color coding acc. to DIN VDE 47100		Interface connector		PLC connector	
Pin number	Wiring	Pin number	Signal	Pin number	Signal
White	1	OUTO.0	9	DO1	
Brown	2	OUTO.1	10	DO2	
Green	3	OUTO.2	11	DO3	
Yellow	4	OUTO.3	12	DO4	
Grey	5	OUTO.4	13	DO5	
Pink	6	OUTO.5	14	DO6	
Blue	7	OUTO.6	15	DO7	
Red	8	OUTO.7	16	DO8	
Black	9	+24V	19	+24V	
Violet	10	0V	20	0V	

### Short description:

WAGO's interface cables provide fast and easy connection of WAGO's I/O modules equipped with a 20-pole pluggable connector (750-1400, -1402, -1500, -1501, -1502) to the appropriate interface or relay modules featuring a 10-pole pluggable connector.

For example, these cables can connect two relay modules (8-channel) to a WAGO I/O Module. The cables are available in 1- and 2-meter lengths; each has one 20-pole and two 10-pole pluggable connectors at both ends.

### Notes

Note When using more than 10 wires, the maximum current per wire must be reduced to 0.7 A.

### Electrical data

Inputs/outputs 8 digital inputs and 8 digital outputs  
 Operating voltage ≤ AC/DC 35 V  
 Current per wire (max.) 1 A

### Compatibility

## WAGO

WAGO I/O System 750	750-1502
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## Connection data

Cable type	LiYY	<b>Connection 1</b>	
Color code	per DIN VDE 47100	Connector	Pluggable connector per DIN 41651; female connector
		Pole number 1	20
		Connection type 1	System
		Wire cross-section	0.14 mm <sup>2</sup>

## Connection 2

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

## Connection 3

Connector 3	Pluggable connector per DIN 41651; female connector
Pole number 3	10
Connection type 3	System

## Physical data

Cable length	1 m
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## Material data

Fire load	0 MJ
Weight	95 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 8.0	EC000237
ETIM 7.0	EC000237
PU (SPU)	1 pcs
Country of origin	FR
GTIN	4045454949860
Customs tariff number	85444290900

## Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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## Downloads

### Environmental Product Compliance

Compliance Search	
Environmental Product Compliance	↓
706-7753/302-100	

## Documentation

System Description		Bid Text		
WAGO System Wiring, Selection Guide	pdf 533.15 KB	706-7753/302-100	26.11.2018	docx 15.43 KB
	↓	706-7753/302-100	19.02.2019	xml 3.77 KB
				↓

## CAD/CAE-Data

CAE data	
WSCAD Universe	↓
706-7753/302-100	

## 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 mm<sup>2</sup>

**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 mm<sup>2</sup>

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