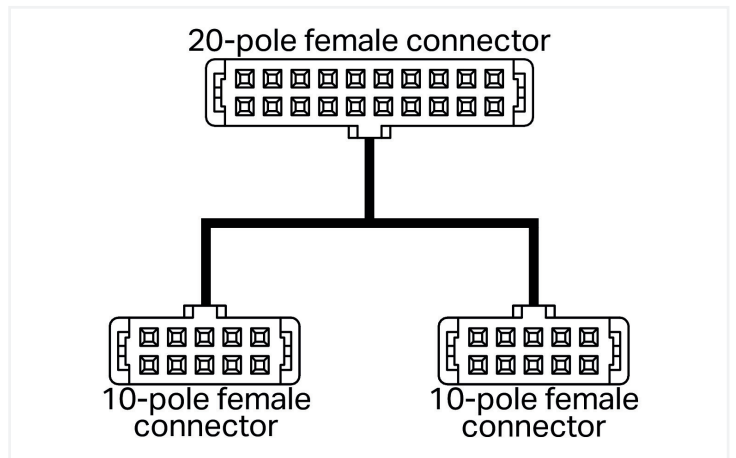


**Data Sheet | Item Number: 706-7753/302-300**

System cable; for WAGO-I/O-SYSTEM, 750 Series; 8 digital inputs and 8 digital outputs; Length: 3 m; Conductor cross-section: 0.14 mm<sup>2</sup>

<https://www.wago.com/706-7753/302-300>



Color coding acc. to DIN VDE 47100 Cable 1; Channel 0-3		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 Cable 2; Channel 0-7		Interface connector		PLC connector	
Pin number	Wiring	Pin number	Signal	Pin number	Signal
White	1	OUT0.0	9	DO1	
Brown	2	OUT0.1	10	DO2	
Green	3	OUT0.2	11	DO3	
Yellow	4	OUT0.3	12	DO4	
Grey	5	OUT0.4	13	DO5	
Pink	6	OUT0.5	14	DO6	
Blue	7	OUT0.6	15	DO7	
Red	8	OUT0.7	16	DO8	
Black	9	+24V	19	+24V	
Violet	10	0V	20	0V	

## Notes

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

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

## Compatibility

### WAGO

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

Cable type	LiYY
Color code	per DIN VDE 47100

### Connection 1

Pluggable connector	Pluggable connector per DIN 41651; female connector
Pole number 1	10
Connection type	System
Wire cross-section	0.14 mm <sup>2</sup>

### Connection 2

Connector	Pluggable connector per DIN 41651; female connector
Pole number	10
Connection type	System
Wire cross-section	0.14 mm <sup>2</sup>

### Connection 3

Connector	Pluggable connector per DIN 41651; female connector
Pole number	20
Connection type	System

## Physical data

Cable length	3 m
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## Material data

Fire load	0 MJ
Weight	256 g

## Environmental requirements

Ambient temperature (operation)	-20 ... +50 °C
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**Commercial data**

Product Group	30 (WAGO France)
PU (SPU)	1 pcs
Packaging type	not specified
Country of origin	FR
GTIN	4045454967512
Customs tariff number	85444290900

**Product Classification**

UNSPSC	26121604
ETIM 9.0	EC000237
ETIM 10.0	EC000237
ECCN	NO US CLASSIFICATION

**Environmental Product Compliance**

RoHS Compliance Status	Compliant, No Exemption
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**Downloads**

**Environmental Product Compliance**

<b>Compliance Search</b>	
Environmental Product Compliance 706-7753/302-300	

**Documentation**

<b>System Description</b>		
WAGO System Wiring, Selection Guide	pdf 533.15 KB	

**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; Plug-gable 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; Plug-gable 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; Plug-gable 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>

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

Current addresses can be found at: [www.wago.com](http://www.wago.com)