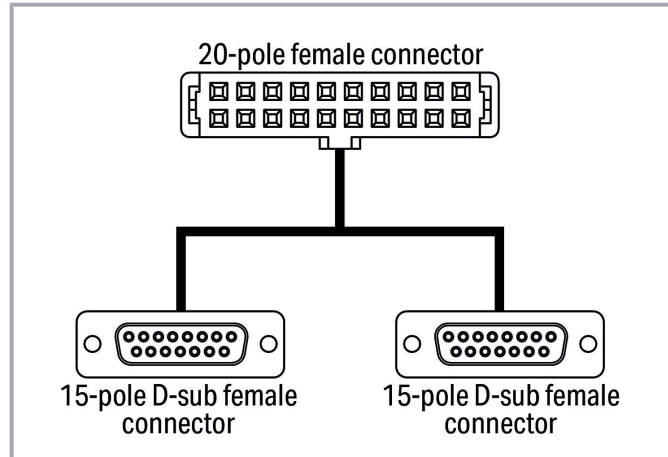
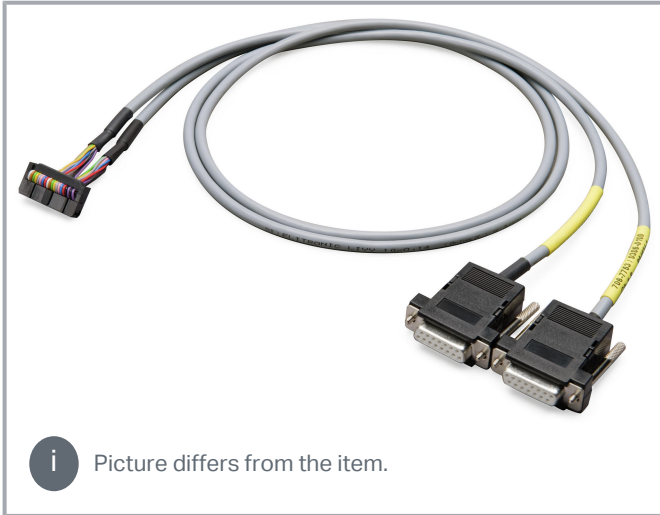


**Data sheet | Item number: 706-7753/306-100**

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



[www.wago.com/706-7753/306-100](http://www.wago.com/706-7753/306-100)



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

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We are always happy to take your call at +49 (571) 887-44222.



Color coding acc. to DIN VDE 47100 Cable 1; Channel 1-8		15 poles female Sub-D connector		20 poles flat connector	
		Pin number	Wiring	Pin number	Signal
White		1	CH1	1	CH1
Brown		2	CH2	2	CH2
Green		3	CH3	3	CH3
Yellow		4	CH4	4	CH4
Grey		5	CH5	5	CH5
Pink		6	CH6	6	CH6
Blue		7	CH7	7	CH7
Red		8	CH8	8	CH8
Black		9	+24V	17	+24V
Violet		10	0V	18	0V

Color coding acc. to DIN VDE 47100 Cable 2; Channel 9-16		15 poles female Sub-D connector		20 poles flat connector	
		Pin number	Wiring	Pin number	Signal
White		1	CH1	9	CH9
Brown		2	CH2	10	CH10
Green		3	CH3	11	CH11
Yellow		4	CH4	12	CH12
Grey		5	CH5	13	CH13
Pink		6	CH6	14	CH14
Blue		7	CH7	15	CH15
Red		8	CH8	16	CH16
Black		9	+24V	19	+24V
Violet		10	0V	20	0V

## Item description

### Short description:

WAGO's interface cables provide fast and easy connection of WAGO's I/O modules equipped with a 20-pole pluggable connector. The following WAGO I/O Modules and **Interface Adapters** are compatible:

750-1500 (16 DO) --> 857-986 (DO)

The cables are available in 1-, 2- and 3-meter lengths; each has one 20-pole or two 15-pole pluggable connectors at both ends.

They are suitable for system wiring when paired with the 857-986 Interface Adapter.

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## Data Notes

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

## Electrical data

Inputs/outputs	2 x 8 digital inputs or outputs
Operating voltage	≤ AC/DC 35 V
Current per wire (max.)	1 A

## Connection data

Cable type	LiYY
Color code	per DIN VDE 47100

## Connection 1

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	D-sub female connector
Pole number 2	15
Connection type 2	System

## Connection 3

Connector 3	D-sub female connector
Pole number 3	15
Connection type 3	System

## Physical data

Cable length	1 m
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## Material Data

Weight	133 g
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Subject to changes. Please also observe the further product documentation!



## 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
Packaging type	box
Country of origin	FR
GTIN	4050821052968
Customs tariff number	85444290900

## Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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## Optional accessories

### Interface module

#### Interface adapters

	<b>Item no.: 857-986</b> Interface adapter; 15-pole; High-side switching input	<a href="http://www.wago.com/857-986">www.wago.com/857-986</a>
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## Downloads

### Documentation

#### Bid Text

706-7753/306-100 X81 - Datei	2019 Feb 19	xml 3.7 kB	Download
706-7753/306-100 docx - Datei	2018 Nov 26	docx 15.6 kB	Download

#### Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 Aug 18	pdf 2.2 MB	Download
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## System Description

WAGO System Wiring, Selection Guide

This guide will help you select the appropriate interface modules and system cables for the controller you are using.

pdf  
545.9 kB

[Download](#)

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## CAD/CAE-Data

### CAE data

WSCAD Universe 706-7753/306-100

[URL](#)

[Download](#)

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WSCAD Universe 706-7753/306-100

[URL](#)

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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 706-7753/306-100

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

[URL](#)

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## Installation Notes

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