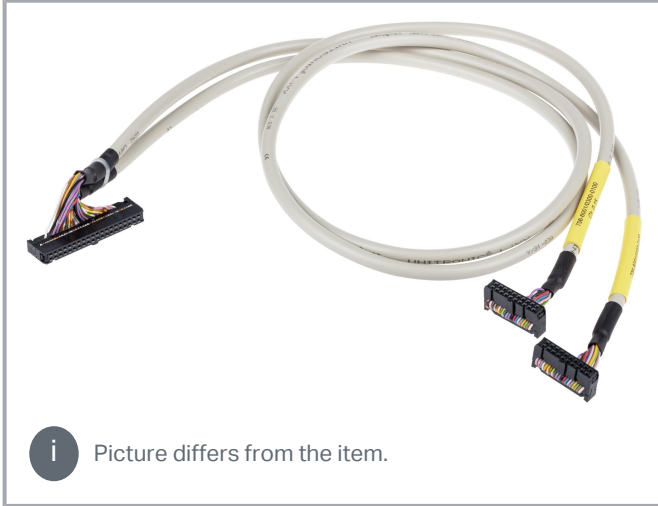


**Data sheet | Item number: 706-6001/301-200**

System cable; for Omron CJ1W; 16 digital inputs and 16 digital outputs;

Length: 2 m; Conductor cross-section: 0.14 mm<sup>2</sup>

[www.wago.com/706-6001/301-200](http://www.wago.com/706-6001/301-200)



**i** Picture differs from the item.

Color coding acc. to DIN VDE 47100 Cable 1; Channel 0-15	20 poles flat connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	0.0	20	IN0
Brown	2	0.1	18	IN1
Green	3	0.2	16	IN2
Yellow	4	0.3	14	IN3
Grey	5	0.4	12	IN4
Pink	6	0.5	10	IN5
Blue	7	0.6	8	IN6
Red	8	0.7	6	IN7
Black	9	1.0	19	IN8
Violet	10	1.1	17	IN9
Grey-Pink	11	1.2	15	IN10
Red-Blue	12	1.3	13	IN11
White-Green	13	1.4	11	IN12
Brown-Green	14	1.5	9	IN13
White-Yellow	15	1.6	7	IN14
Yellow-Brown	16	1.7	5	IN15
White-Grey	17	+24V	nc	
Grey-Brown	18	0V	4	Allim-
White-Pink	19	+24V	nc	
Pink-Brown	20	0V	3	Allim-

Color coding acc. to DIN VDE 47100 Cable 2; Channel 16-31	20 poles flat connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	0.0	20	OUT0
Brown	2	0.1	18	OUT1
Green	3	0.2	16	OUT2
Yellow	4	0.3	14	OUT3
Grey	5	0.4	12	OUT4
Pink	6	0.5	10	OUT5
Blue	7	0.6	8	OUT6
Red	8	0.7	6	OUT7
Black	9	1.0	19	OUT8
Violet	10	1.1	17	OUT9
Grey-Pink	11	1.2	15	OUT10
Red-Blue	12	1.3	13	OUT11
White-Green	13	1.4	11	OUT12
Brown-Green	14	1.5	9	OUT13
White-Yellow	15	1.6	7	OUT14
Yellow-Brown	16	1.7	5	OUT15
White-Grey	17	+24V	4	Allim+
Grey-Brown	18	0V	2	V-
White-Pink	19	+24V	3	Allim+
Pink-Brown	20	0V	1	V-

**Data  
Notes**

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

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

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Do you have any questions about our products?  
 We are always happy to take your call at +49 (571) 887-44222.

## Electrical data

Inputs/outputs	16 digital inputs and 16 digital outputs
Operating voltage	≤ AC/DC 35 V
Current per wire (max.)	1 A

## Compatibility

### Omron

Omron CJ1W	CJ1W-MD232
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## 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	Pluggable connector per DIN 41651; female connector
Pole number 2	20
Connection type 2	System

### Connection 3

Connector 3	Pluggable connector per DIN 41651; female connector
Pole number 3	20
Connection type 3	System

### Connection 4

Connector 4	Pluggable connector per DIN 41651; female connector
Pole number 4	20
Connection type 4	System

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



## Physical data

Cable length	2 m
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## Material Data

Weight	390 g
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## Environmental requirements

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

ETIM 8.0	EC000237
ETIM 7.0	EC000237
PU (SPU)	1 pcs
Packaging type	bag
Country of origin	FR
GTIN	4055143999526
Customs tariff number	85444290900

## Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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## Downloads

### Documentation

#### 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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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 706-6001/301-200 System cable; for Omron CJ1W; 16 digital inputs and 16 digital outputs; Length: 2 m; Conductor cross-section: 0.14 mm <sup>2</sup>	URL	Download
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Subject to changes. Please also observe the further product documentation!



## Installation Notes

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

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