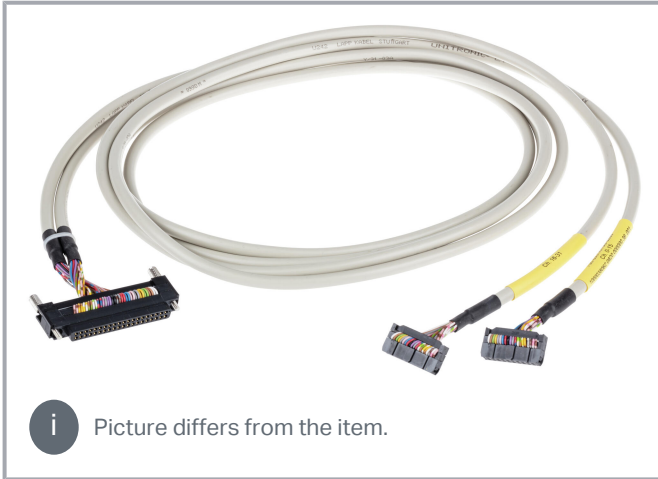


Data sheet | Item number: 706-6001/100-100

System cable; for Omron CJ1W; 2 x 16 digital inputs; Length: 1 m;

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

[www.wago.com/706-6001/100-100](http://www.wago.com/706-6001/100-100)



**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	IN0.0	1A	IN0
Brown	2	IN0.1	2A	IN1
Green	3	IN0.2	3A	IN2
Yellow	4	IN0.3	4A	IN3
Grey	5	IN0.4	5A	IN4
Pink	6	IN0.5	6A	IN5
Blue	7	IN0.6	7A	IN6
Red	8	IN0.7	8A	IN7
Black	9	IN1.0	10A	IN8
Violet	10	IN1.1	11A	IN9
Grey-Pink	11	IN1.2	12A	IN10
Red-Blue	12	IN1.3	13A	IN11
White-Green	13	IN1.4	14A	IN12
Brown-Green	14	IN1.5	15A	IN13
White-Yellow	15	IN1.6	16A	IN14
Yellow-Brown	16	IN1.7	17A	IN15
White-Grey	17	nc	nc	nc
Grey-Brown	18	0V	9A	Com0
White-Pink	19	nc	nc	nc
Pink-Brown	20	0V	18A	Com0

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	IN0.0	1B	IN16
Brown	2	IN0.1	2B	IN17
Green	3	IN0.2	3B	IN18
Yellow	4	IN0.3	4B	IN19
Grey	5	IN0.4	5B	IN20
Pink	6	IN0.5	6B	IN21
Blue	7	IN0.6	7B	IN22
Red	8	IN0.7	8B	IN23
Black	9	IN1.0	10B	IN24
Violet	10	IN1.1	11B	IN25
Grey-Pink	11	IN1.2	12B	IN26
Red-Blue	12	IN1.3	13B	IN27
White-Green	13	IN1.4	14B	IN28
Brown-Green	14	IN1.5	15B	IN29
White-Yellow	15	IN1.6	16B	IN30
Yellow-Brown	16	IN1.7	17B	IN31
White-Grey	17	nc	nc	nc
Grey-Brown	18	0V	9B	Com1
White-Pink	19	nc	nc	nc
Pink-Brown	20	0V	18B	Com1

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

## Compatibility

### Omron

Omron CJ1W	CJ1W-ID231 CJ1W-ID261
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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	Fujitsu FCN-367-J40/AU/H
Pole number 3	40
Connection type 3	System

## Physical data

Cable length	1 m
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## Material Data

Weight	209 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	4055143984218
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 706-6001/100-100 System cable; for Omron CJ1W; 2 x 16 digital inputs; Length: 1 m; Conductor cross-section: 0.14 mm <sup>2</sup>	URL	Download
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## Installation Notes

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