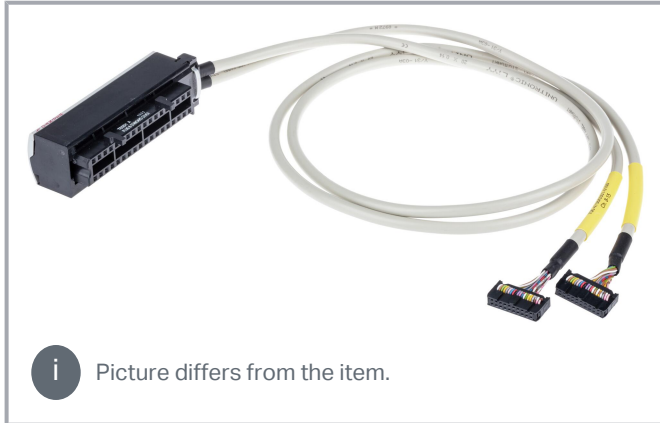


Data sheet | Item number: 706-4756/102-300

System cable; for Rockwell Control Logix; 2 x 16 digital inputs; Length: 3 m;

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

[www.wago.com/706-4756/102-300](http://www.wago.com/706-4756/102-300)



**i** Picture differs from the item.

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

Color coding acc. to DIN VDE 47100 Cable 2; Channel 16-31	Interface connector 2			
	20 poles flat connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	0.0	19	IN16
Brown	2	0.1	20	IN17
Green	3	0.2	21	IN18
Yellow	4	0.3	22	IN19
Grey	5	0.4	23	IN20
Pink	6	0.5	24	IN21
Blue	7	0.6	25	IN22
Red	8	0.7	26	IN23
Black	9	1.0	27	IN24
Violet	10	1.1	28	IN25
Grey-Pink	11	1.2	29	IN26
Red-Blue	12	1.3	30	IN27
White-Green	13	1.4	31	IN28
Brown-Green	14	1.5	32	IN29
White-Yellow	15	1.6	33	IN30
Yellow-Brown	16	1.7	34	IN31
White-Grey	17	nc	nc	nc
Grey-Brown	18	0V	35	GND-1
White-Pink	19	nc	nc	nc
Pink-Brown	20	nc	nc	nc

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

### Rockwell

Rockwell Control Logix	1756 - IB32
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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	Allen Bradley 1756-TBS6H/A
Pole number 3	36
Connection type 3	System

## Physical data

Cable length	3 m
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## Material Data

Weight	579 g
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## Environmental requirements

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

Product Group	30 (WAGO France)
ETIM 8.0	EC000237
ETIM 7.0	EC000237
PU (SPU)	1 pcs
Country of origin	FR
GTIN	4045454920937
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 706-4756/102-300 System cable; for Rockwell Control Logix; 2 x 16 digital inputs; Length: 3 m; Conductor cross-section: 0.14 mm <sup>2</sup>	URL	Download
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## Installation Notes

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

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