

# Data Sheet | Item Number: 706-4756/503-300

System cable; for Rockwell Control Logix; 8 analog outputs (current); Length: 3 m;

Conductor cross-section: 0.25 mm<sup>2</sup>

<https://www.wago.com/706-4756/503-300>



Similar to illustration

Color coding acc. to DIN VDE 47100	25 poles Sub-D connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	0+	3	IOUT0
Brown	2	0-	5	RTN0
Green	3	1+	9	IOUT1
Yellow	4	1-	5	RTN0
Grey	5	2+	13	IOUT2
Pink	6	2-	15	RTN1
Blue	7	3+	19	IOUT3
Red	8	3-	15	RTN1
Black	9	4+	4	IOUT4
Violet	10	4-	6	RTN2
Grey-Pink	11	5+	10	IOUT5
Red-Blue	12	5-	6	RTN2
White-Green	13	6+	14	IOUT6
Brown-Green	14	6-	16	RTN3
White-Yellow	15	7+	20	IOUT7
Yellow-Brown	16	7-	16	RTN3
White-Gray	17	nc	nc	nc
Grey-Brown	18	nc	nc	nc
White-Pink	19	nc	nc	nc
Pink-Brown	20	nc	nc	nc
White-Blue	21	nc	nc	nc
Brown-Blue	22	nc	nc	nc
White-Red	23	nc	nc	nc
Brown-Red	24	nc	nc	nc
White-Black	25	nc	nc	nc
Shield		Connected to Sub-D		

## Notes

Note When using more than 10 wires, the maximum current per wire must be reduced to 1 A.

## Electrical data

Inputs/outputs	8 analog outputs; current
Operating voltage	≤ AC/DC 35 V
Current per wire (max.)	2 A

## Compatibility

### Rockwell

Rockwell Control Logix	1756 - OF8 1756 - OF8H
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## Connection data

Cable type	LiYCY
Color code	per DIN VDE 47100

### Connection 1

Connector	D-subminiature female connector
Pole number 1	25
Connection type 1	System
Wire cross-section	0.25 mm <sup>2</sup>

### Connection 2

Connector 2	Allen Bradley 1756-TBSH
Pole number 2	20
Connection type 2	System

### Physical data

Cable length	3 m
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### Material data

Fire load	0 MJ
Weight	427 g

### 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	4050821356325
Customs tariff number	85444290900

### Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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### Downloads

#### Environmental Product Compliance

##### Compliance Search

Environmental Product  
Compliance  
706-4756/503-300



### Documentation

#### System Description

WAGO System Wiring,  
Selection Guide

pdf  
533.15 KB

