

# Data Sheet | Item Number: 706-4756/405-300

System cable; for Rockwell Control Logix; 8 analog inputs (voltage), var. 1; Length: 3 m; Conductor cross-section: 0.25 mm<sup>2</sup>

<https://www.wago.com/706-4756/405-300>



Color coding acc. to DIN VDE 47100	25 poles Sub-D connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	D-	2	IN0+
Brown	2	D-	4	IN0-
Green	3	1+	6	IN1+
Yellow	4	1-	8	IN1-
Grey	5	2+	12	IN2+
Pink	6	2-	14	IN2-
Blue	7	3+	16	IN3+
Red	8	3-	18	IN3-
Black	9	4+	20	IN4+
Violet	10	4-	22	IN4-
Grey-Pink	11	5+	24	IN5+
Red-Blue	12	5-	26	IN5-
White-Green	13	6+	30	IN6+
Brown-Green	14	6-	32	IN6-
White-Yellow	15	7+	34	IN7+
Yellow-Brown	16	7-	36	IN7-
White-Grey	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	

Similar to illustration

## 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 inputs; voltage
Operating voltage	≤ 125 VAC/VDC
Current per wire (max.)	2 A

## Compatibility

### Rockwell

Rockwell Control Logix	1756 - IF8H
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## Connection Data

Cable type	LiYCY
Color code	per DIN VDE 47100

### Connection 1

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

### Connection 2

Connector	Allen Bradley 1756-TBS6H/A
Pole number	36
Connection type	System
Wire cross-section	0.25 mm <sup>2</sup>

### Physical data

Cable length	3 m
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### Material data

Fire load	0 MJ
Weight	1.1 g

### Environmental requirements

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

PU (SPU)	1 pcs
Packaging type	Box
GTIN	4055143046602

### Product Classification

UNSPSC	26121604
ETIM 9.0	EC000237
ETIM 10.0	EC000237
ECCN	NO US CLASSIFICATION

### Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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### Downloads

#### Environmental Product Compliance

##### Compliance Search

Environmental Product  
Compliance  
706-4756/405-300



### Documentation

#### System Description

WAGO System Wiring,  
Selection Guide

pdf  
533.15 KB

