

Data sheet | Item number: 706-4756/406-300

System cable; for Rockwell Control Logix; 2 x 8 analog inputs (current);

Length: 3 m; Conductor cross-section: 0.25 mm²

www.wago.com/706-4756/406-300



Color coding acc. to DIN VDE 47100 Cable 1; Channel 0-7	Interface connector 1			
	25 poles Sub-D connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	0+	2	0+
Brown	2	0-	1	0-
Green	3	1+	4	1+
Yellow	4	1-	3	1-
Grey	5	2+	6	2+
Pink	6	2-	5	2-
Blue	7	3+	8	3+
Red	8	3-	7	3-
Black	9	4+	12	4+
Violet	10	4-	11	4-
Grey-Pink	11	5+	14	5+
Red-Blue	12	5-	13	5-
White-Green	13	6+	16	6+
Brown-Green	14	6-	15	6-
White-Yellow	15	7+	18	7+
Yellow-Brown	16	7-	17	7-
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	

Color coding acc. to DIN VDE 47100 Cable 1; Channel 8-15	Interface connector 2			
	25 poles Sub-D connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	0+	20	8+
Brown	2	0-	19	8-
Green	3	1+	22	9+
Yellow	4	1-	21	9-
Grey	5	2+	24	10+
Pink	6	2-	23	10-
Blue	7	3+	26	11+
Red	8	3-	25	11-
Black	9	4+	30	12+
Violet	10	4-	29	12-
Grey-Pink	11	5+	32	13+
Red-Blue	12	5-	31	13-
White-Green	13	6+	34	14+
Brown-Green	14	6-	33	14-
White-Yellow	15	7+	36	15+
Yellow-Brown	16	7-	35	15-
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	

Data
Notes

Note

When using more than 10 wires, the maximum current per wire must be reduced to 1 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 8 analog inputs; current
Operating voltage	≤ AC/DC 35 V
Current per wire (max.)	2 A

Compatibility

Rockwell

Rockwell Control Logix	1756 - IF16
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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 ²

Connection 2

Connector 2	D-subminiature female connector
Pole number 2	25
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	773 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	4050821356295
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	pdf	Download
This guide will help you select the appropriate interface modules and system cables for the controller you are using.	545.9 kB	

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 706-4756/406-300	URL	Download
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Installation Notes

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