

Data Sheet | Item Number: 706-4756/301-200

System cable; for Rockwell Control Logix; 16 digital inputs or outputs; Length: 2 m; Conductor cross-section: 0.14 mm²

<https://www.wago.com/706-4756/301-200>



Color coding		24 pin M12		24 pin M12	
Pin		Pin		Pin	
Color		Pin		Pin	
White		1	0.02	2	0.0204
Brown		2	0.1	1	0.018
Green		3	0.02	4	0.0204
Yellow		4	0.02	3	0.0171
Grey		5	0.04	6	0.0204
Pink		6	0.02	5	0.0171
Blue		7	0.02	8	0.0204
Red		8	0.02	7	0.0171
Black		9	0.16	10	0.0204
White		10	1.1	9	0.0171
Grey-Pink		11	1.2	12	0.0204
Red-Blue		12	1.2	11	0.0171
White-Blue		13	1.4	14	0.0204
Brown-Black		14	1.5	13	0.0171
White-Black		15	1.6	16	0.0204
Yellow-Black		16	1.7	15	0.0171
White-Gray		17	1.8	18	1.8
Grey-Black		18	1.8	17	1.8
White-Pink		19	1.8	20	1.8
Black-Black		20	1.8	19	1.8

Color coding		24 pin M12		24 pin M12	
Pin		Pin		Pin	
Color		Pin		Pin	
White		1	0.02	16	0.0204
Brown		2	0.1	17	0.018
Green		3	0.02	20	0.0204
Yellow		4	0.02	19	0.0171
Grey		5	0.04	22	0.0204
Pink		6	0.02	21	0.0171
Blue		7	0.02	24	0.0204
Red		8	0.02	23	0.0171
Black		9	0.16	26	0.0204
White		10	1.1	25	0.0171
Grey-Pink		11	1.2	28	0.0204
Red-Blue		12	1.2	27	0.0171
White-Blue		13	1.4	30	0.0204
Brown-Black		14	1.5	29	0.0171
White-Black		15	1.6	32	0.0204
Yellow-Black		16	1.7	31	0.0171
White-Gray		17	1.8	34	1.8
Grey-Black		18	1.8	33	1.8
White-Pink		19	1.8	36	1.8
Black-Black		20	1.8	35	1.8

Notes	
Note	When using more than 10 wires, the maximum current per wire must be reduced to 0.7 A.

Electrical data	
Inputs/outputs	16 digital inputs or outputs
Operating voltage	≤ 35 VAC/VDC
Current per wire (max.)	1 A

Compatibility	
Rockwell	
Rockwell Control Logix	1756 - IB16I 1756 - IB16ISOE 1756 - OB16I 1756 - OB16IS



Connection Data

Cable type	LiYY	Connection 1	
Color code	per DIN VDE 47100	Pluggable connector	Pluggable connector per DIN 41651; female connector
		Pole number 1	20
		Connection type	System
		Wire cross-section	0.14 mm²

Connection 2	
Connector	Pluggable connector per DIN 41651; female connector
Pole number	20
Connection type	System
Wire cross-section	0.14 mm²

Connection 3	
Connector	Allen Bradley 1756-TBS6H/A
Pole number	36
Connection type	System
Wire cross-section	0.14 mm²

Physical data

Cable length	2 m
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Material data

Weight	429 g
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Environmental requirements

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

PU (SPU)	1 pcs
Packaging type	Box
Country of origin	FR
GTIN	4050821386438

Product Classification

UNSPSC	26121629
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	706-4756/301-200	

Documentation		
System Description		
WAGO System Wiring, Selection Guide	pdf 533.15 KB	