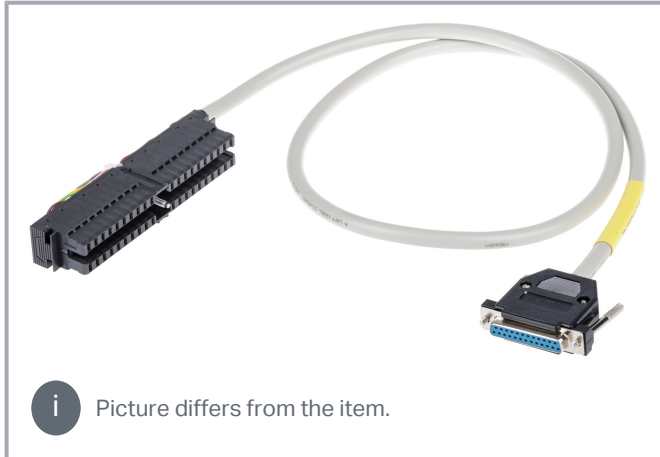


Data sheet | Item number: 706-2300/701-300

System cable; for Siemens S7-300; 8 digital inputs and 7 analog signals;

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

www.wago.com/706-2300/701-300



i Picture differs from the item.

Color coding acc. to DIN VDE 47100 Cable 1; Channel 0-6	25 poles Sub-D connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	EVO	2	PEWx+0
Brown	2	EIO	3	
Green	3	1-	7	
Yellow	4	EV3	8	PEWx+4
Grey	5	EI2	9	
Pink	6	3-	13	
Blue	7	PT+	14	PEWx+8
Red	8	nc	nc	
Black	9	M	20	Mana
Violet	10	SV1	18	PEWx+2
Grey-Pink	11	SI1	19	
Red-Blue	12	nc	nc	
White-Green	13	nc	nc	
Brown-Green	14	0-	4	
White-Yellow	15	EV1	5	PEWx+2
Yellow-Brown	16	EI1	6	
White-Grey	17	2-	10	
Grey-Brown	18	EV3	11	PEWx+6
White-Pink	19	EI3	12	
Pink-Brown	20	PT-	15	
White-Blue	21	SV0	16	PEWx+0
Brown-Blue	22	SI0	17	
White-Red	23	M	20	Mana
Brown-Red	24	POS.	1	located for CPU314C-2
White-Black	25	nc	nc	
Shield			Connected to Sub-D	

Color coding acc. to DIN VDE 47100 Cable 2; Channel 0-7	10 poles flat connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	0.0	22	DI+2.0
Brown	2	0.1	23	DI+2.1
Green	3	0.2	24	DI+2.2
Yellow	4	0.3	25	DI+2.3
Grey	5	0.4	26	DI+2.4
Pink	6	0.5	27	DI+2.5
Blue	7	0.6	28	DI+2.6
Red	8	0.7	29	DI+2.7
Black	9	+	nc	
Violet	10	-	30	4M

Data
Notes

Note

If less than 3 channels are used simultaneously, the maximum current per conductor is 2 A and up to 5 A (30°C ambient temperature) or 3.5 A (50°C ambient temperature) at pins N/L. If more than 3 channels are used simultaneously, the maximum current per conductor is 0.75 A and up to 5 A (30°C ambient temperature) or 3.5 A (50°C ambient temperature) at pins N/L.

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	8 digital inputs and 7 analog signals
Operating voltage	≤ AC/DC 35 V
Current per wire (max.)	1 A

Compatibility

Siemens

Siemens S7-300	6ES7 313-5BE01-0AB0 6ES7 313-5BG04-0AB0 6ES7 314-6BF01-0AB0 6ES7 314-6BG03-0AB0 6ES7 314-6CF01-0AB0 6ES7 314-6CG03-0AB0
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Connection data

Cable type	LIYY
Color code	per DIN VDE 47100

Connection 1

Connector	D-subminiature female connector
Pole number 1	25
Connection type 1	System

Connection 2

Connector 2	Pluggable connector per DIN 41651; female connector
Pole number 2	10
Connection type 2	System

Connection 3

Connector 3	Siemens 6ES7-392-1BM00-0AA0
Pole number 3	40
Connection type 3	System

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



Physical data

Cable length	3 m
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Material Data

Weight	1131 g
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Environmental requirements

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

ETIM 8.0	EC000237
ETIM 7.0	EC000237
PU (SPU)	1 pcs
Packaging type	bag
Country of origin	FR
GTIN	4055143976879
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 706-2300/701-300 System cable; for Siemens S7-300; 8 digital inputs and 7 analog signals; Length: 3 m; Conductor cross-section: 0.25 mm ²	URL	Download
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Subject to changes. Please also observe the further product documentation!



Installation Notes

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

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