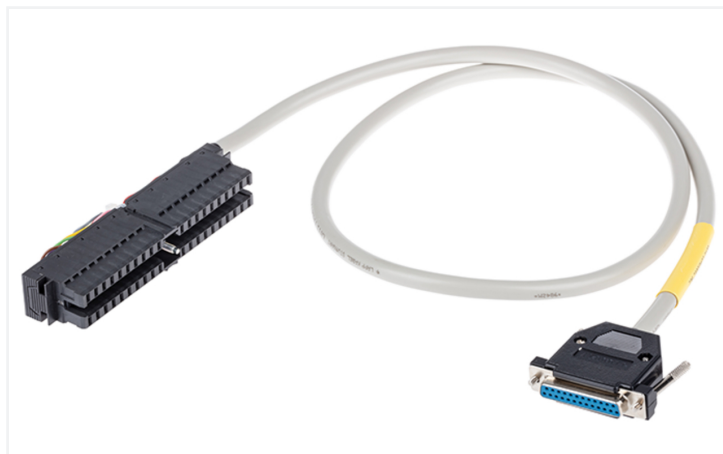


# Data Sheet | Item Number: 706-2300/701-100

System cable; for Siemens S7-300; 8 digital inputs and 7 analog signals; Length: 1 m; Conductor cross-section: 0.25 mm<sup>2</sup>

<https://www.wago.com/706-2300/701-100>



Color coding per DIN VDE 47100 Cable 2-D Channel 0-6	25 pins Pin number	Pin number	Signal	P.C. connector
White	1	001	2	DI0-V+
Brown	2	001	3	DI0-V-
Green	3	01	7	AI0
Yellow	4	001	8	DI0-V+
Grey	5	02	8	AI0
Pink	6	2	15	AI1
Blue	7	01	14	AI0
Red	8	04	16	AI1
Black	9	M	25	Mass
Light	10	01	18	DI0-V+
Grey-Pink	11	01	19	DI0-V-
Red-Blue	12	01	16	AI1
White-Green	13	01	16	AI0
Brown-Green	14	0	4	AI0
White-White	15	01	5	AI0-V+
White-Brown	16	01	8	AI0
White-Grey	17	2	10	AI0
Grey-Brown	18	02	11	AI0-V+
White-Pink	19	01	12	AI0
Pink-Brown	20	01	15	AI0
White-Blue	21	00	16	AI0-V+
Brown-Blue	22	00	17	AI0
White-Red	23	M	20	Mass
Brown-Red	24	00	1	DI0-V+
White-Black	25	M	1	DI0-V+
Shield				Connected to 0.6-0

Color coding per DIN VDE 47100 Cable 2-D Channel 0-7	25 pins Pin number	Pin number	Signal	P.C. connector
White	1	00	22	DI-22
Brown	2	01	22	DI-21
Green	3	01	24	DI-23
Yellow	4	03	25	DI-23
Grey	5	04	26	DI-24
Pink	6	01	27	DI-25
Blue	7	06	28	DI-26
Red	8	07	29	DI-27
Black	9	-	1	AI
White	10	-	30	AI

Similar to illustration

## 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.

## Electrical data

Inputs/outputs	8 digital inputs and 7 analog signals
Operating voltage	≤ 35 VAC/VDC
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

## Connection Data

Cable type	LiYY	<b>Connection 1</b>	
Color code	per DIN VDE 47100	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	Pluggable connector per DIN 41651; female connector
Pole number	10
Connection type	System
Wire cross-section	0.14 mm <sup>2</sup>

### Connection 3

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

### Physical data

Cable length	1 m
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### Material data

Fire load	0 MJ
Weight	309 g

### Environmental requirements

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

Product Group	30 (WAGO France)
PU (SPU)	1 pcs
Packaging type	not specified
Country of origin	FR
GTIN	4045454883102
Customs tariff number	85444290900

### 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  
706-2300/701-100



Documentation

System Description

WAGO System Wiring, Selection Guide	pdf 533.15 KB	
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