

# Data Sheet | Item Number: 706-2300/503-300

System cable; for Siemens S7-300; 8 analog outputs (current); Length: 3 m; Conductor cross-section: 0.25 mm<sup>2</sup>

<https://www.wago.com/706-2300/503-300>



Color coding acc. to DIN VDE 47100	25 poles Sub-D connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	IN0+	3+4	0V/0V0+
Brown	2	IN0-	5+6	Max0/0-
Green	3	IN1+	7+8	0V/15+1
Yellow	4	IN1-	9+10	Max1/1-
Grey	5	IN2+	11+12	0V/2+2
Pink	6	IN2-	13+14	Max2/2-
Blue	7	IN3+	15+16	0V/3+3
Red	8	IN3-	17+18	Max3/3-
Black	9	IN4+	23+24	0V/4+4
Violet	10	IN4-	25+26	Max4/4-
Grey-Pink	11	IN5+	27+28	0V/5+5
Red-Blue	12	IN5-	29+30	Max5/5-
White-Green	13	IN6+	31+32	0V/6+6
Brown-Green	14	IN6-	33+34	Max6/6-
White-Yellow	15	IN6+	35+36	0V/15+1
White-Brown	16	IN7-	37+38	Max7/7-
White-Grey	17	-	1	L+
Grey-Brown	18	-	20	M
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 outputs; voltage
Operating voltage	≤ 35 VAC/VDC
Current per wire (max.)	2 A

## Compatibility

### Siemens

Siemens S7-300	6ES7 332-5HF00-0AB0
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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	Siemens 6ES7-392-1BM00-0AA0
Pole number	40
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	4045454979928
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  
706-2300/503-300



### Documentation

#### System Description

WAGO System Wiring,  
Selection Guide

pdf  
533.15 KB

