

# Data Sheet | Item Number: 706-2300/502-100

System cable; for Siemens S7-300; 8 analog outputs (current); Length: 1 m; Conductor cross-section: 0.25 mm<sup>2</sup>

<https://www.wago.com/706-2300/502-100>



Color coding acc. to DIN VDE 47100	25 poles Sub-D connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	IN0-	3	Q10
Brown	2	IN0	6	Mana
Green	3	IN1+	7	Q11
Yellow	4	IN1-	10	Mana
Grey	5	IN2+	11	Q12
Pink	6	IN2-	14	Mana
Blue	7	IN3+	15	Q13
Red	8	IN3-	18	Mana
Black	9	IN4+	23	Q14
Violet	10	IN4-	26	Mana
Grey-Pink	11	IN5+	27	Q15
Red-Blue	12	IN5-	30	Mana
White-Green	13	IN6+	31	Q16
Brown-Green	14	IN6-	34	Mana
White-Yellow	15	IN6+	35	Q17
Yellow-Brown	16	IN7-	38	Mana
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; current
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

<b>Connection 1</b>	
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 6ES7-392-1BJ00-0AA0
Pole number	40
Connection type	System
Wire cross-section	0.25 mm <sup>2</sup>

**Physical data**

Cable length	1 m
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**Material data**

Fire load	0 MJ
Weight	206 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	4045454881849
Customs tariff number	85444290900

**Product Classification**

UNSPSC	26121629
eCl@ss 10.0	27-24-22-20
eCl@ss 9.0	27-24-22-20
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 706-2300/502-100	<a href="#">↓</a>

**Documentation**

Bid Text			
706-2300/502-100	19.02.2019	xml 3.13 KB	<a href="#">↓</a>
706-2300/502-100	09.02.2015	doc 26.00 KB	<a href="#">↓</a>

## CAD/CAE-Data

### CAE data

WSCAD Universe  
706-2300/502-100



## 1 Compatible Products

### 1.1 Optional Accessories

#### 1.1.1 Interface module

##### 1.1.1.1 Interface module



##### **Item No.: 704-8013**

Interface module for system wiring; with solder pin; Male connector; 25-pole; 8-channel analog input or output; 4-wire; PCB terminal blocks; in mounting carrier