

# Data Sheet | Item Number: 706-2500/501-600

System cable; for Siemens S7-1500; 4 analog outputs (voltage); Length: 6 m; Conductor cross-section: 0.25 mm<sup>2</sup>

<https://www.wago.com/706-2500/501-600>



Color coding acc. to DIN VDE 47100	15 poles Sub-D connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	0+	1-2	QV0
Brown	2	0-	3-4	Mana
Green	3	1+	5-6	QV1
Yellow	4	1-	7-8	Mana
Grey	5	2+	9-10	QV2
Pink	6	2-	11-12	Mana
Blue	7	3+	13-14	QV3
Red	8	3-	15-6	Mana
Black	9	+(24V)	41	L+
Violet	10	-(0V)	44	M
Grey-Pink	11	nc	nc	nc
Red-Blue	12	nc	nc	nc
White-Green	13	nc	nc	nc
Brown-Green	14	1	nc	nc
White-Yellow	15	nc	nc	nc
Shield			Connected to Sub-D	

## Notes

Note When using more than 10 wires, the maximum current per wire must be reduced to 1 A.

## Electrical data

Inputs/outputs	4 analog outputs; voltage
Operating voltage	≤ AC/DC 35 V
Current per wire (max.)	2 A

## Compatibility

### Siemens

Siemens S7-1500	6ES7 532-5HD00-0AB0 6ES7 532-5ND00-0AB0
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## Connection data

Cable type	LiYCY
Color code	per DIN VDE 47100

### Connection 1

Connector	D-subminiature female connector
Pole number 1	15
Connection type 1	System
Wire cross-section	0.25 mm <sup>2</sup>

### Connection 2

Connector 2	Siemens 6ES7-592-1BM00-0XB0
Pole number 2	40
Connection type 2	System

**Physical data**

Cable length	6 m
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**Material data**

Fire load	0 MJ
Weight	693 g

**Environmental requirements**

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

PU (SPU)	1 pcs
Country of origin	FR
GTIN	4066966270662
Customs tariff number	85444290900

**Environmental Product Compliance**

RoHS Compliance Status	Compliant, No Exemption
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**Downloads****Environmental Product Compliance****Compliance Search**

Environmental Product  
Compliance  
706-2500/501-600

**Documentation****System Description**

WAGO System Wiring,  
Selection Guide

pdf  
533.15 KB

