

Data sheet | Item number: 706-2500/600-100

System cable; for Siemens S7-1500; 5 analog inputs and 2 analog outputs, voltage; Length: 1 m; Conductor cross-section: 0.25 mm<sup>2</sup>



[www.wago.com/706-2500/600-100](http://www.wago.com/706-2500/600-100)



**i** Picture differs from the item.

Color coding acc. to DIN VDE 47100	25 poles Sub-D connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	EVO	1	U0+
Brown	2	EI0	2	I0+
Green	3	1-	6	1-
Yellow	4	EV2	7	U2+
Grey	5	EI2	8	I2+
Pink	6	3-	12	3-
Blue	7	M4+	13	M4+
Red	8	M4-	14	M4-
Black	9	nc	nc	
Violet	10	SV0	17	QV+
Grey-Pink	11	SI0	17	QI0
Red-Blue	12	Mana	20	Mana
White-Green	13	nc	nc	
Brown-Green	14	0-	3	0-
White-Yellow	15	EV1	4	U1+
Yellow-Brown	16	EI1	5	I1+
White-Grey	17	2-	9	2-
Grey-Brown	18	EV3	10	U3+
White-Pink	19	EI3	11	I3-
Pink-Brown	20	IC4+	15	IC4+
White-Blue	21	IC4-	16	IC4-
Brown-Blue	22	nc	nc	
White-Red	23	Mana	19	Mana
Brown-Red	24	SV0	17	QV0
White-Black	25	SV1	18	QV1
Shield		Connected to Sub-D		

**Data  
Notes**

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

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

## Compatibility

### Siemens

Siemens S7-1500	6ES7 511-1CK00-0AB0 6ES7 512-1CK00-0AB0
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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	25
Connection type 1	System
Wire cross-section	0.25 mm <sup>2</sup>

## Connection 2

Connector 2	Siemens 6ES7-592-1AM00-0XB0
Pole number 2	40
Connection type 2	System

## Physical data

Cable length	1 m
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## Material Data

Weight	398 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	4055143602341
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	pdf	Download
This guide will help you select the appropriate interface modules and system cables for the controller you are using.	545.9 kB	

## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 706-2500/600-100	URL	Download
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## Installation Notes

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