

Data sheet | Item number: 706-2500/602-100

System cable; for Siemens S7-1500; 4 analog inputs and 2 analog outputs, voltage, current, version 2; Length: 1 m; Conductor cross-section: 0.25 mm<sup>2</sup>



[www.wago.com/706-2500/602-100](http://www.wago.com/706-2500/602-100)



**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	0+	2	I0+
Brown	2	0-	4	I0-
Green	3	1+	6	I1+
Yellow	4	1-	8	I1-
Grey	5	2+	10	I2+
Pink	6	2-	12	I2-
Blue	7	3+	14	I3+
Red	8	3-	16	I3-
Black	9	4+	21	QV0/QI0
Violet	10	4-	22	S0+
Grey-Pink	11	5+	23	S0-
Red-Blue	12	5-	24	Mana
White-Green	13	6+	25	QV1/QI1
Brown-Green	14	6-	26	S1+
White-Yellow	15	7+	27	S1-
Yellow-Brown	16	7-	28	Mana
White-Grey	17	+24V	41	L+
Grey-Brown	18	-0V	43	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	18	Mana
White-Black	25	nc	nc	nc
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	4 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 534-7QE00-0AB0
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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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Subject to changes. Please also observe the further product documentation!



## Commercial data

ETIM 8.0	EC000237
ETIM 7.0	EC000237
PU (SPU)	1 pcs
Packaging type	bag
Country of origin	FR
GTIN	4055143602259
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 706-2500/602-100	URL	Download
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## Installation Notes

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