

Data sheet | Item number: 706-2500/601-300
System cable; for Siemens S7-1500; 4 analog inputs and 2 analog outputs,
voltage, current, version 1; Length: 3 m; Conductor cross-section: 0.25 mm²
www.wago.com/706-2500/601-300



Color coding acc. to DIN VDE 47100		25 poles Sub-D connector		PLC connector	
		Pin number	Wiring	Pin number	Signal
White		1	0+	1	UV0
Brown		2	0-	2	I0+
Green		3	1+	5	UV1
Yellow		4	1-	6	I1+
Grey		5	2+	9	UV2
Pink		6	2-	10	I2+
Blue		7	3+	13	UV3
Red		8	3-	14	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	Mana	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?
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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 ²

Connection 2

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

Physical data

Cable length	3 m
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Material data

Weight	736 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	4055143602273
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 706-2500/601-300	URL	Download
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Installation Notes

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