

Data Sheet | Item Number: 706-2500/402-300

System cable; for Siemens S7-1500; 4 analog inputs (current); Length: 3 m; Conductor cross-section: 0.25 mm²

<https://www.wago.com/706-2500/402-300>



Similar to illustration



Color coding acc. to DIN VDE 47100	15 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	+(24V)	41	L+
Violet	10	-(0V)	43	M
Grey-Pink	11	1	18	Mana
Red-Blue	12	nc	nc	nc
White-Green	13	nc	nc	nc
Brown-Green	14	nc	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 0.7 A.

Electrical data

Inputs/outputs	4 analog inputs; current
Operating voltage	≤ 35 VAC/VDC
Current per wire (max.)	1 A

Compatibility

Siemens

Siemens S7-1500	6ES7 531-7QD00-0AB0
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Connection Data

Cable type

LiYCY

Color code

per DIN VDE 47100

Connection 1

Pluggable connector

D-subminiature female connector

Pole number 1

25

Connection type

System

Wire cross-section

0.25 mm²

Connection 2

Connector

Siemens 6ES7-592-1BM00-0XB0

Pole number

40

Connection type

System

Wire cross-section

0.25 mm²

Physical data

Cable length

3 m

Material data

Fire load

0 MJ

Weight

607 g

Environmental requirements

Ambient temperature (operation)

-20 ... +50 °C

Commercial data

PU (SPU)

1 pcs

Packaging type

Bag

Country of origin

FR

GTIN

4055143402828

Customs tariff number

85444290900

Product Classification

UNSPSC

26121604

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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706-2500/402-300



Documentation

System Description

WAGO System Wiring,
Selection Guide

pdf
533.15 KB

