

Data Sheet | Item Number: 706-2500/402-200

System cable; for Siemens S7-1500; 4 analog inputs (current); Length: 2 m; Conductor cross-section: 0.25 mm²

<https://www.wago.com/706-2500/402-200>



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	≤ AC/DC 35 V
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

Connector	D-subminiature female connector
Pole number 1	25
Connection type 1	System
Wire cross-section	0.14 mm ²

Connection 2

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

Physical data

Cable length	2 m
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Material data

Fire load	0 MJ
Weight	487 g

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	4055143402835
Customs tariff number	85444290900

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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706-2500/402-200

**Documentation****System Description**

WAGO System Wiring,
Selection Guide

pdf
533.15 KB

