

Data Sheet | Item Number: 706-2500/403-100

System cable; for Siemens S7-1500; 4 analog inputs (voltage); Length: 1 m; Conductor cross-section: 0.25 mm²

<https://www.wago.com/706-2500/403-100>



Color coding acc. to DIN VDE 47100	15 poles Sub-D connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	0+	3	U0+
Brown	2	0-	4	U0+
Green	3	1+	7	U1+
Yellow	4	1-	8	U1+
Grey	5	2+	11	U2+
Pink	6	2-	12	U2+
Blue	7	3+	15	U3+
Red	8	3-	16	U3+
Black	9	+(24V)	41	L+
Violet	10	-(0V)	43	M
Grey-Pink	11	nc	nc	nc
Red-Blue	12	nc	nc	nc
White-Green	13	nc	nc	nc
Brown-Green	14	1	18	Mana
White-Yellow	15	nc	nc	nc
Shield		Connected to Sub-D		

Similar to illustration

Notes

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

Electrical data

Inputs/outputs	4 analog inputs; voltage
Operating voltage	≤ 35 VAC/VDC
Current per wire (max.)	2 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	15
Connection type	System
Wire cross-section	0.25 mm ²

Connection 2

Connector	Siemens 6ES7-592-1BM00-0XB0
Pole number	40
Connection type	System
Wire cross-section	0.25 mm ²

Physical data

Cable length	1 m
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Material data

Fire load	0 MJ
Weight	367 g

Environmental requirements

Ambient temperature (operation)	-20 ... +50 °C
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Commercial data

PU (SPU)	1 pcs
Packaging type	Bag
Country of origin	FR
GTIN	4055143403184
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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Downloads

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Documentation

System Description

WAGO System Wiring,
Selection Guide

pdf
533.15 KB

