

Data Sheet | Item Number: 706-2500/405-200

System cable; for Siemens S7-1500; 8 Analog Current Inputs, Spec. Wiring; Length: 2 m; Conductor cross-section: 0.25 mm²

<https://www.wago.com/706-2500/405-200>



Similar to illustration

Color coding acc. to DIN VDE 47100	25 pin Sub-D connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	IN0+	2	IN+
Brown	2	IN0-	4	IN-
Green	3	IN1+	5	IN+
Yellow	4	IN1-	8	IN-
Grey	5	IN2+	10	IN+
Pink	6	IN2-	13	IN-
Blue	7	IN3+	14	IN+
Red	8	IN3-	16	IN-
Black	9	IN4+	22	IN+
Violet	10	IN4-	24	IN-
Grey-Pink	11	IN5+	26	IN+
Red-Blue	12	IN5-	28	IN-
White-Green	13	IN6+	30	IN+
Brown-Green	14	IN6-	32	IN-
White-Yellow	15	IN7+	34	IN+
Yellow-Brown	16	IN7-	36	IN-
White-Grey	17	+24V	41	L+
Grey-Green	18	+0V	44	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	1	10	Mang
White-Black	25	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 1 A.

Electrical data	
Inputs/outputs	8 analog inputs; current
Operating voltage	≤ AC/DC 35 V
Current per wire (max.)	2 A

Compatibility	
Siemens	
Siemens S7-1500	6ES7 531-7KF00-0AB0

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 6ES7-592-1BM00-0XB0
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	542 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
GTIN	4055143601023
Customs tariff number	85444290900

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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706-2500/405-200

**Documentation****System Description**

WAGO System Wiring,
Selection Guide

pdf
533.15 KB

