

Data sheet | Item number: 706-2500/400-200
System cable; for Siemens S7-1500; 8 analog inputs (current); Length: 2 m;
Conductor cross-section: 0.25 mm²

www.wago.com/706-2500/400-200



Color coding acc. to DIN VDE 47100		25 poles Sub-D connector		PLC connector	
		Pin number	Wiring	Pin number	Signal
White		1	IN0+	2	I0+
Brown		2	IN0-	4	I0-
Green		3	IN1+	6	I1+
Yellow		4	IN1-	8	I1-
Grey		5	IN2+	10	I2+
Pink		6	IN2-	12	I2-
Blue		7	IN3+	14	I3+
Red		8	IN3-	16	I3-
Black		9	IN4+	22	I4+
Violet		10	IN4-	24	I4-
Grey-Pink		11	IN5+	26	I5+
Red-Blue		12	IN5-	28	I5-
White-Green		13	IN6+	30	I6+
Brown-Green		14	IN6-	32	I6-
White-Yellow		15	IN7+	34	I7+
Yellow-Brown		16	IN7-	36	I7-
White-Grey		17	+(24V)	41	L+
Grey-Brown		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	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?
We are always happy to take your call at +49 (571) 887-44222.



Electrical data

Inputs/outputs	8 analog inputs; current
Operating voltage	≤ AC/DC 35 V
Current per wire (max.)	1 A

Compatibility

Siemens

Siemens S7-1500	6ES7 531-7KF00-0AB0 6ES7 531-7NF00-0AB0 6ES7 531-7NF10-0AB0
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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 6ES7-592-1BM00-0XB0
Pole number 2	48
Connection type 2	System

Physical data

Cable length	2 m
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Material data

Weight	300 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	4055143379106
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 706-2500/400-200	URL	Download
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Installation Notes

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