

Data sheet | Item number: 706-2500/400-100

System cable; for Siemens S7-1500; 8 analog inputs (current); Length: 1 m;

Conductor cross-section: 0.25 mm²



www.wago.com/706-2500/400-100



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	1 m
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Material Data

Weight	375 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	4055143504614
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 706-2500/400-100	URL	Download
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Installation Notes

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