

Data Sheet | Item Number: 706-2300/406-100

System cable; for Siemens S7-300; 8 Analog Current Inputs, Spec. Wiring; Length: 1 m; Conductor cross-section: 0.25 mm²

<https://www.wago.com/706-2300/406-100>



Color coding acc. to DIN VDE 47100	25 poles Sub-D connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	IN0+	3	M0+I
Brown	2	IN0-	6	M0-I
Green	3	IN1+	7	M1+I
Yellow	4	IN1-	10	M1-I
Grey	5	IN2+	11	M2+I
Pink	6	IN2-	14	M2-I
Blue	7	IN3+	15	M3+I
Red	8	IN3-	18	M3-I
Black	9	IN4+	23	M4+I
Violet	10	IN4-	26	M4-I
Grey-Pink	11	IN5+	27	M5+I
Red-Blue	12	IN5-	30	M5-I
White-Green	13	IN6+	31	M6+I
Brown-Green	14	IN6-	34	M6-I
White-Yellow	15	IN7+	35	M7+I
Yellow-Brown	16	IN7-	38	M7-I
White-Grey	17	-	21	L+
Grey-Brown	18	-	40	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	nc	nc	nc
White-Black	25	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	8 analog inputs; current
Operating voltage	≤ 35 VAC/VDC
Current per wire (max.)	2 A

Compatibility

Siemens

Siemens S7-300	6ES7 331-7NF10-0AB0
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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	25
Connection type	System
Wire cross-section	0.25 mm ²

Connection 2

Connector	Siemens 6ES7-392-1BM00-0AA0
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	261 g

Environmental requirements

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

Product Group	30 (WAGO France)
PU (SPU)	1 pcs
Packaging type	not specified
Country of origin	FR
GTIN	4045454881733
Customs tariff number	85444290900

Product Classification

UNSPSC	26121604
eCl@ss 10.0	27-24-22-20
eCl@ss 9.0	27-24-22-20
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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Documentation

Bid Text

706-2300/406-100	19.02.2019	xml 3.13 KB	
706-2300/406-100	09.02.2015	doc 25.50 KB	

CAD/CAE-Data

CAE data

WSCAD Universe
706-2300/406-100



1 Compatible Products

1.1 Optional Accessories

1.1.1 Interface module

1.1.1.1 Interface module



Item No.: [704-8013](#)

Interface module for system wiring; with solder pin; Male connector; 25-pole; 8-channel analog input or output; 4-wire; PCB terminal blocks; in mounting carrier