

Data sheet | Item number: 706-2300/400-300

System cable; for Siemens S7-300; 8 analog inputs; Length: 3 m; Conductor cross-section: 0.25 mm²



www.wago.com/706-2300/400-300



Color coding acc. to DIN VDE 47100	25 poles Sub-D connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	IN0+	2	M0+
Brown	2	IN0-	3	M0-
Green	3	IN1+	4	M1+
Yellow	4	IN1-	5	M1-
Grey	5	IN2+	6	M2+
Pink	6	IN2-	7	M2-
Blue	7	IN3+	8	M3+
Red	8	IN3-	9	M3-
Black	9	IN4+	12	M4+
Violet	10	IN4-	13	M4-
Grey-Pink	11	IN5+	14	M5+
Red-Blue	12	IN5-	15	M5-
White-Green	13	IN6+	16	M6+
Brown-Green	14	IN6-	17	M6-
White-Yellow	15	IN7+	18	M7+
Yellow-Brown	16	IN7-	19	M7-
White-Grey	17	+(24V)	1	L+
Grey-Brown	18	-(0V)	20	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	comp+
White-Black	25	2	11	comp-
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
Operating voltage	≤ AC/DC 35 V
Current per wire (max.)	2 A

Compatibility

Siemens

Siemens S7-300	6ES7 331-7HF01-0AB0
	6ES7 331-7KF02-0AB0
	6ES7 331-7SF00-0AB0
	6ES7 331-7TF00-0AB0
	6ES7 332-8TF01-0AB0

Connection data

Cable type	LIYCY
Color code	per DIN VDE 47100

Connection 1

Connector	D-subminiature female connector
Connection type 1	System
Wire cross-section	0.25 mm ²

Connection 2

Connector 2	Siemens 6ES7-392-1BJ00-0AA0
Pole number 2	25
Connection type 2	System

Physical data

Cable length	3 m
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Material Data

Weight	586 g
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Subject to changes. Please also observe the further product documentation!

Environmental requirements

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

Product Group	30 (WAGO France)
eCl@ss 10.0	27-24-22-20
eCl@ss 9.0	27-24-22-20
ETIM 8.0	EC000237
ETIM 7.0	EC000237
PU (SPU)	1 pcs
Country of origin	FR
GTIN	4045454875046
Customs tariff number	85444290900

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Optional accessories

Interface module

Interface module



Item no.: 704-8013

Interface module for system wiring; with solder pin; Male connector; 25-pole; 8-channel analog input or www.wago.com/704-8013 output; 4-wire; PCB terminal blocks; in mounting carrier

Downloads

Documentation

Bid Text

706-2300/400-300 X81 - Datei	2019 Feb 19	xml 3.2 kB	Download
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706-2300/400-300 doc - Datei	2015 Feb 9	doc 26.1 kB	Download
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Additional Information

Disposal and Recycling	V 1.1.0	pdf	Download
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Electrical and electronic equipment, Batteries, Packaging

2022 Aug 18

2.2 MB

System Description

WAGO System Wiring, Selection Guide

pdf
545.9 kB

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This guide will help you select the appropriate interface modules and system cables for the controller you are using.

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 706-2300/400-300

URL

Download

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Installation Notes

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