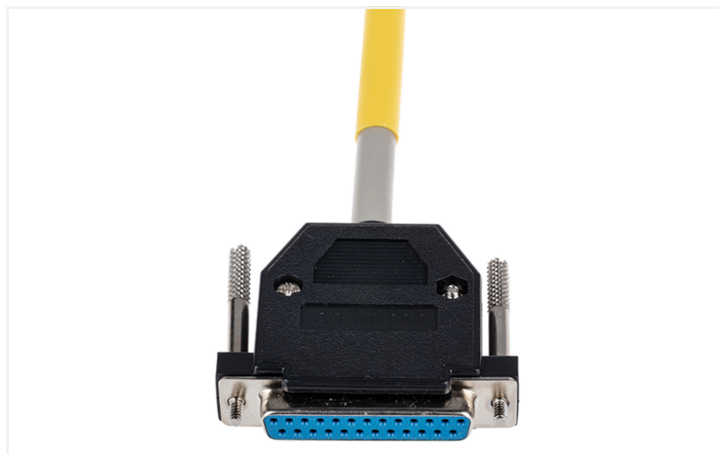
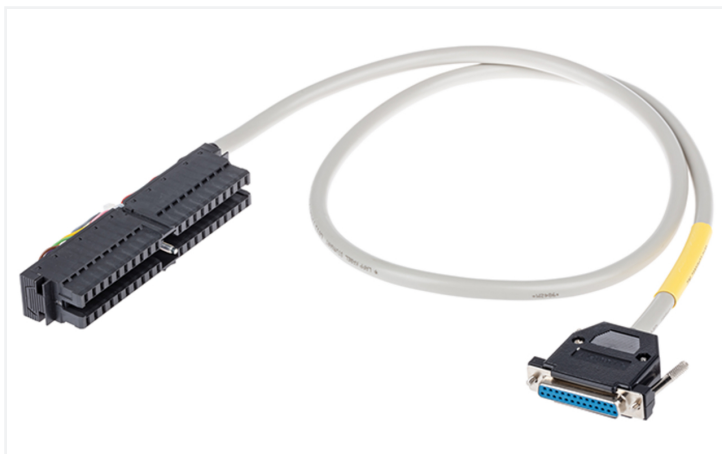


# Data Sheet | Item Number: 706-2300/402-300

System cable; for Siemens S7-300; 8 analog inputs (current); Length: 3 m; Conductor cross-section: 0.25 mm<sup>2</sup>

<https://www.wago.com/706-2300/402-300>



Similar to illustration



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-	5	M0-
Green	3	IN1+	7	I1+
Yellow	4	IN1-	10	M1-
Grey	5	IN2+	12	I2+
Pink	6	IN2-	15	M2-
Blue	7	IN3+	17	I3+
Red	8	IN3-	20	M3-
Black	9	IN4+	22	I4+
Violet	10	IN4-	25	M4-
Grey-Pink	11	IN5+	27	I5+
Red-Blue	12	IN5-	30	M5-
White-Green	13	IN6+	32	I6+
Brown-Green	14	IN6-	35	M6-
White-Yellow	15	IN7+	37	I7+
Yellow-Brown	16	IN7-	40	M7-
White-Gray	17	nc	nc	nc
Grey-Brown	18	nc	nc	nc
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		

## 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 331-1KF02-0AB0
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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 <sup>2</sup>

### Connection 2

Connector	Siemens 6ES7-392-1BM00-0AA0
Pole number	40
Connection type	System
Wire cross-section	0.25 mm <sup>2</sup>

### Physical data

Cable length	3 m
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### Material data

Fire load	0 MJ
Weight	404 g

### Environmental requirements

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

PU (SPU)	1 pcs
Packaging type	Box
GTIN	4045454979034
Customs tariff number	85444290900

### Product Classification

UNSPSC	26121629
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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## Downloads

### Environmental Product Compliance

#### Compliance Search

Environmental Product  
Compliance  
706-2300/402-300



## Documentation

#### System Description

WAGO System Wiring,  
Selection Guide

pdf  
533.15 KB

