

# Data Sheet | Item Number: 706-2400/402-300

System cable; for Siemens S7-400; 8 analog inputs (current), var. 1; Length: 3 m;  
 Conductor cross-section: 0.25 mm<sup>2</sup>

<https://www.wago.com/706-2400/402-300>



Color coding acc. to DIN VDE 47100	25 poles Sub-D connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	IN0+	9	M0+
Brown	2	IN0-	12	M0-
Green	3	IN1+	14	M1+
Yellow	4	IN1-	17	M1-
Grey	5	IN2+	19	M2+
Pink	6	IN2-	22	M2-
Blue	7	IN3+	24	M3+
Red	8	IN3-	27	M3-
Black	9	IN4+	29	M4+
Violet	10	IN4-	32	M4-
Grey-Pink	11	IN5+	34	M5+
Red-Blue	12	IN5-	37	M5-
White-Green	13	IN6+	39	M6+
Brown-Green	14	IN6-	42	M6-
White-Yellow	15	IN7+	44	M7+
Yellow-Brown	16	IN7-	47	M7-
White-Grey	17	nc	nc	nc
Grey-Grey	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		

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 S7-400	6ES7 431-7KF00-0AB0
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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 6ES7-492-1BL00-0AA0
Pole number	48
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	1.1 g

### Environmental requirements

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

PU (SPU)	1 pcs
Packaging type	Box
GTIN	4055143037624

### Product Classification

UNSPSC	26121604
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  
706-2400/402-300



### Documentation

#### System Description

WAGO System Wiring,  
Selection Guide

pdf  
533.15 KB

