

# Data Sheet | Item Number: 706-2500/404-100

System cable; for Siemens S7-1500; 8 analog inputs (current); Length: 1 m; Conductor cross-section: 0.25 mm<sup>2</sup>

<https://www.wago.com/706-2500/404-100>



Similar to illustration



Similar to illustration



Similar to illustration

Color coding acc. to DIN VDE 47100	25 poles Sub-D connector		PLC connector Pin number	Signal
	Pin number	Wiring		
White	1	IN0+	1	Ux0
Brown	2	IN0-	2	I0+
Green	3	IN1+	5	Ux1
Yellow	4	IN1-	6	I1+
Grey	5	IN2+	9	Ux2
Pink	6	IN2-	10	I2+
Blue	7	IN3+	13	Ux3
Red	8	IN3-	14	I3+
Black	9	IN4+	21	Ux4
Violet	10	IN4-	22	I4+
Grey-Pink	11	IN5+	25	Ux5
Red-Blue	12	IN5-	26	I5+
White-Green	13	IN6+	29	Ux6
Brown-Green	14	IN6-	30	I6+
White-Yellow	15	IN7+	33	Ux7
Yellow-Brown	16	IN7-	34	I7+
White-Gray	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	Masa
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.)	1 A

## Compatibility

### Siemens

Siemens S7-1500	6ES7 592-1BH00-0XB0
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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 6ES7-592-1BM00-0XB0

Pole number 40

Connection type System

Wire cross-section 0.25 mm<sup>2</sup>

## Physical data

Cable length 1 m

## Material data

Fire load 0 MJ

Weight 379 g

## Environmental requirements

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

## Commercial data

PU (SPU) 1 pcs

Packaging type Bag

Country of origin FR

GTIN 4055143545761

Customs tariff number 85444290900

## 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

### Downloads

#### Documentation

##### System Description

WAGO System Wiring,  
Selection Guide

pdf  
533.15 KB

