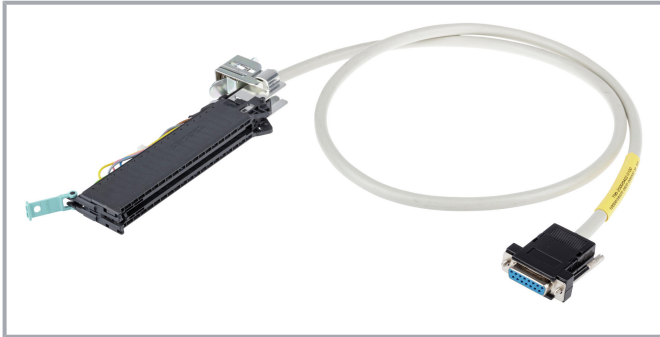


## Data sheet | Item number: 706-2500/402-100

System cable; for Siemens S7-1500; 4 analog inputs (current); Length: 1 m;

Conductor cross-section: 0.25 mm<sup>2</sup>

[www.wago.com/706-2500/402-100](http://www.wago.com/706-2500/402-100)



Color coding acc. to DIN VDE 47100		15 poles Sub-D connector		PLC connector	
		Pin number	Wiring	Pin number	Signal
White		1	0+	2	I0+
Brown		2	0-	4	I0+
Green		3	1+	6	I1+
Yellow		4	1-	8	I1+
Grey		5	2+	10	I2+
Pink		6	2-	12	I2+
Blue		7	3+	14	I3+
Red		8	3-	16	I3+
Black		9	+(24V)	41	L+
Violet		10	-(0V)	43	M
Grey-Pink		11	1	18	Mana
Red-Blue		12	nc	nc	nc
White-Green		13	nc	nc	nc
Brown-Green		14	nc	nc	nc
White-Yellow		15	nc	nc	nc
Shield		Connected to Sub-D			

## Data Notes

Note When using more than 10 wires, the maximum current per wire must be reduced to 0.7 A.

## Electrical data

Inputs/outputs	4 analog inputs; current
Operating voltage	≤ AC/DC 35 V
Current per wire (max.)	1 A

## Compatibility

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

WAGO GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.



## Siemens

Siemens S7-1500	6ES7 531-7QD00-0AB0
-----------------	---------------------

## Connection data

Cable type	LIYCY
Color code	per DIN VDE 47100

## Connection 1

Connector	D-subminiature female connector
Pole number 1	25
Connection type 1	System
Wire cross-section	0.14 mm <sup>2</sup>

## Connection 2

Connector 2	Siemens 6ES7-592-1BM00-0XB0
Pole number 2	40
Connection type 2	System

## Physical data

Cable length	1 m
--------------	-----

## Material Data

Weight	367 g
--------	-------

## Environmental requirements

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

## Commercial data

ETIM 8.0	EC000237
ETIM 7.0	EC000237
PU (SPU)	1 pcs
Packaging type	bag
Country of origin	FR
GTIN	4055143402842
Customs tariff number	85444290900

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



## Environmental Product Compliance

RoHS Compliance Status

Compliant, No Exemption

---

## Downloads

### Documentation

#### System Description

WAGO System Wiring, Selection Guide

pdf

Download

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

---

545.9 kB

## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 706-2500/402-100

URL

Download

System cable; for Siemens S7-1500; 4 analog inputs (current); Length: 1 m;  
Conductor cross-section: 0.25 mm<sup>2</sup>

---

## Installation Notes

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

---

WAGO GmbH & Co. KG

Hansastr. 27

32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169

Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.