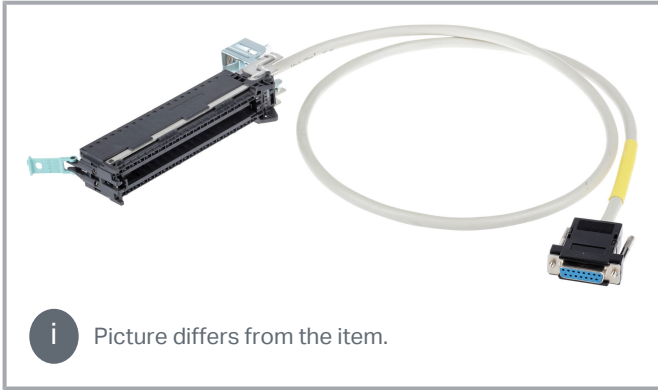


Data sheet | Item number: 706-2500/601-100

System cable; for Siemens S7-1500; 4 analog inputs and 2 analog outputs, voltage, current, version 1; Length: 1 m; Conductor cross-section: 0.25 mm<sup>2</sup>



[www.wago.com/706-2500/601-100](http://www.wago.com/706-2500/601-100)



| Color coding acc. to DIN VDE 47100 | 25 poles Sub-D connector |        | PLC connector |         |
|------------------------------------|--------------------------|--------|---------------|---------|
|                                    | Pin number               | Wiring | Pin number    | Signal  |
| White                              | 1                        | 0+     | 1             | UV0     |
| Brown                              | 2                        | 0-     | 2             | I0+     |
| Green                              | 3                        | 1+     | 5             | UV1     |
| Yellow                             | 4                        | 1-     | 6             | I1+     |
| Grey                               | 5                        | 2+     | 9             | UV2     |
| Pink                               | 6                        | 2-     | 10            | I2+     |
| Blue                               | 7                        | 3+     | 13            | UV3     |
| Red                                | 8                        | 3-     | 14            | I3+     |
| Black                              | 9                        | 4+     | 21            | QV0/QI0 |
| Violet                             | 10                       | 4-     | 22            | S0+     |
| Grey-Pink                          | 11                       | 5+     | 23            | S0-     |
| Red-Blue                           | 12                       | 5-     | 24            | Mana    |
| White-Green                        | 13                       | 6+     | 25            | QV1/QI1 |
| Brown-Green                        | 14                       | 6-     | 26            | S1+     |
| White-Yellow                       | 15                       | 7+     | 27            | S1-     |
| Yellow-Brown                       | 16                       | 7-     | 28            | Mana    |
| White-Grey                         | 17                       | +24V   | 41            | L+      |
| Grey-Brown                         | 18                       | -0V    | 43            | 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                       | Mana   | 18            | Mana    |
| White-Black                        | 25                       | 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 1 A.

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.

## Electrical data

|                         |   |
|-------------------------|---|
| Inputs/outputs          | 4 analog inputs and 2 analog outputs; voltage |
| Operating voltage       | ≤ AC/DC 35 V                                  |
| Current per wire (max.) | 2 A   |

## Compatibility

### Siemens

|                 |                     |
|-----------------|---------------------|
| Siemens S7-1500 | 6ES7 534-7QE00-0AB0 |
|-----------------|---------------------|

## 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 | 0.25 mm <sup>2</sup>            |

## Connection 2

|                   |                             |
|-------------------|-----------------------------|
| Connector 2       | Siemens 6ES7-592-1AM00-0XB0 |
| Pole number 2     | 40                          |
| Connection type 2 | System                      |

## Physical data

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

## Material Data

|        |       |
|--------|-------|
| Weight | 398 g |
|--------|-------|

## Environmental requirements

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

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



## Commercial data

|                       |               |
|-----------------------|---------------|
| ETIM 8.0              | EC000237      |
| ETIM 7.0              | EC000237      |
| PU (SPU)              | 1 pcs         |
| Packaging type        | bag           |
| Country of origin     | FR            |
| GTIN                  | 4055143602280 |
| Customs tariff number | 85444290900   |

## 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 706-2500/601-100  | URL | Download |
| System cable; for Siemens S7-1500; 4 analog inputs and 2 analog outputs, voltage, current, version 1; Length: 1 m; Conductor cross-section: 0.25 mm <sup>2</sup> |     |          |

## Installation Notes

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