

Data sheet | Item number: 706-2400/401-300

System cable; for Siemens S7-400; 8 analog inputs; Length: 3 m; Conductor cross-section: 0.25 mm<sup>2</sup>



[www.wago.com/706-2400/401-300](http://www.wago.com/706-2400/401-300)



**i** Picture differs from the item.

| Color coding acc. to DIN VDE 47100 | 25 poles Sub-D connector |        | PLC connector |        |
|------------------------------------|--------------------------|--------|---------------|--------|
|                                    | Pin number               | Wiring | Pin number    | Signal |
| White                              | 1                        | IN0+   | 6             | M0+    |
| Brown                              | 2                        | IN0-   | 7             | M0-    |
| Green                              | 3                        | IN1+   | 11            | M1+    |
| Yellow                             | 4                        | IN1-   | 12            | M1-    |
| Grey                               | 5                        | IN2+   | 16            | M2+    |
| Pink                               | 6                        | IN2-   | 17            | M2-    |
| Blue                               | 7                        | IN3+   | 21            | M3+    |
| Red                                | 8                        | IN3-   | 22            | M3-    |
| Black                              | 9                        | IN4+   | 28            | M4+    |
| Violet                             | 10                       | IN4-   | 29            | M4-    |
| Grey-Pink                          | 11                       | IN5+   | 33            | M5+    |
| Red-Blue                           | 12                       | IN5-   | 34            | M5-    |
| White-Green                        | 13                       | IN6+   | 38            | M6+    |
| Brown-Green                        | 14                       | IN6-   | 39            | M6-    |
| White-Yellow                       | 15                       | IN7+   | 43            | M7+    |
| Yellow-Brown                       | 16                       | IN7-   | 44            | M7-    |
| White-Grey                         | 17                       | +      | 4             | L+     |
| Grey-Brown                         | 18                       | -      | 48            | 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                       | nc     | nc            | nc     |
| White-Black                        | 25                       | 2      | 26            | Mana   |
| 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!

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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          | 8 analog inputs |
| Operating voltage       | ≤ AC/DC 35 V    |
| Current per wire (max.) | 2 A             |

## Compatibility

### Siemens

|                |  |
|----------------|--|
| Siemens S7-400 | 6ES7 431-1KF10-0AB0<br>6ES7 431-1KF20-0AB0 |
|----------------|--|

## 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 6ES7-492-1BL00-0AA0 |
| Pole number 2     | 48                          |
| Connection type 2 | System                      |

## Physical data

|              |     |
|--------------|-----|
| Cable length | 3 m |
|--------------|-----|

## Material Data

|        |        |
|--------|--------|
| Weight | 1329 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                  | 4055143976961 |
| 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 706-2400/401-300   | URL | Download |
| System cable; for Siemens S7-400; 8 analog inputs; Length: 3 m; Conductor cross-section: 0.25 mm <sup>2</sup> |     |          |

## Installation Notes

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