

**Data Sheet | Item Number: 706-2400/401-1500**

System cable; for Siemens S7-400; 8 analog inputs; Length: 15 m; Conductor cross-section: 0.25 mm<sup>2</sup>

<https://www.wago.com/706-2400/401-1500>



| Color coding<br>acc. to DIN VDE 47100 |  |  | 25 poles<br>Sub-D connector |        | P/LC connector |        |
|---------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------|--------|----------------|--------|
|                                       |                                                                                     |                                                                                     | Pin number                  | Wiring | Pin number     | Signal |
| White                                 |  |  | 1                           | IN+*   | 6              | MO     |
| Brown                                 |  |  | 2                           | IN0    | 7              | MO     |
| Green                                 |  |  | 3                           | IN+*   | 11             | MA     |
| Yellow                                |  |  | 4                           | IN-*   | 12             | MA     |
| Grey                                  |  |  | 5                           | IN2*   | 16             | M2     |
| Pink                                  |  |  | 6                           | IN2*   | 17             | M2     |
| Blue                                  |  |  | 8                           | IN3*   | 21             | M3     |
| Red                                   |  |  | 9                           | IN3*   | 22             | M3     |
| Black                                 |  |  | 9                           | IN4*   | 28             | MA     |
| Violet                                |  |  | 10                          | IN4*   | 29             | MA     |
| 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-Gray                            |  |  | 17                          | +      | 4              | L+     |
| Gray-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                          | 25     | 25             | Mar    |
| Black                                 |  |  | 25                          | 25     | 25             | Mar    |

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 |
| Operating voltage       | ≤ 35 VAC/VDC    |
| 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

|                     |                                 |
|---------------------|---------------------------------|
| 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 mm²                    |



| Physical data |  |      |
|---------------|--|------|
| Cable length  |  | 15 m |

| Material data |  |        |
|---------------|--|--------|
| Weight        |  | 2809 g |

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

| Commercial data       |  |               |
|-----------------------|--|---------------|
| PU (SPU)              |  | 1 pcs         |
| Packaging type        |  | Bag           |
| Country of origin     |  | FR            |
| GTIN                  |  | 4066966277845 |
| Customs tariff number |  | 85444290900   |

| Product Classification |  |                      |
|------------------------|--|----------------------|
| UNSPSC                 |  | 26121629             |
| ETIM 9.0               |  | EC000237             |
| ETIM 10.0              |  | EC000237             |
| ECCN                   |  | NO US CLASSIFICATION |

| Environmental Product Compliance |  |                         |
|----------------------------------|--|-------------------------|
| RoHS Compliance Status           |  | Compliant, No Exemption |

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance  
706-2400/401-1500

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Documentation

System Description

WAGO System Wiring, Selection Guide

pdf  
533.15 KB

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