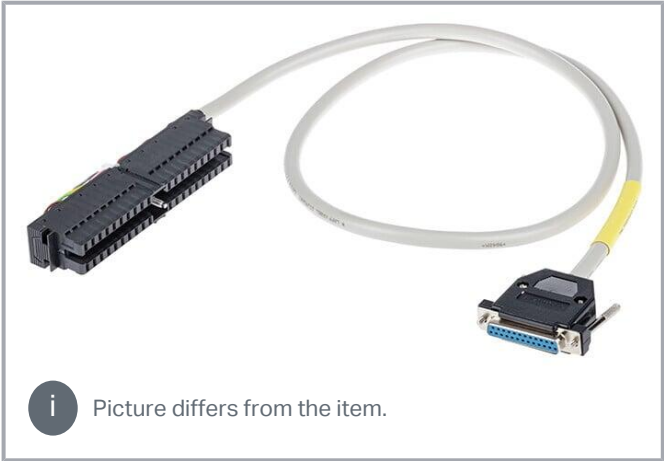


**Data sheet | Item number: 706-2300/701-100**  
System cable; for Siemens S7-300; 8 digital inputs and 7 analog signals;  
Length: 1 m; Conductor cross-section: 0.25 mm²



[www.wago.com/706-2300/701-100](http://www.wago.com/706-2300/701-100)



 Picture differs from the item.

| Color coding<br>acc. to DIN VDE 47100<br>Cable 1; Channel 0-6 | 25 poles<br>Sub-D connector |                    | PLC<br>connector |                          |
|---------------------------------------------------------------|-----------------------------|--------------------|------------------|--------------------------|
|                                                               | Pin<br>number               | Wiring             | Pin<br>number    | Signal                   |
| White                                                         | 1                           | EVO                | 2                | PEWx+0                   |
| Brown                                                         | 2                           | EIO                | 3                |                          |
| Green                                                         | 3                           | 1-                 | 7                |                          |
| Yellow                                                        | 4                           | EV3                | 8                | PEWx+4                   |
| Grey                                                          | 5                           | EI2                | 9                |                          |
| Pink                                                          | 6                           | 3-                 | 13               |                          |
| Blue                                                          | 7                           | PT+                | 14               | PEWx+8                   |
| Red                                                           | 8                           | nc                 | nc               |                          |
| Black                                                         | 9                           | M                  | 20               | Mana                     |
| Violet                                                        | 10                          | SV1                | 18               | PEWx+2                   |
| Grey-Pink                                                     | 11                          | SI1                | 19               |                          |
| Red-Blue                                                      | 12                          | nc                 | nc               |                          |
| White-Green                                                   | 13                          | nc                 | nc               |                          |
| Brown-Green                                                   | 14                          | 0-                 | 4                |                          |
| White-Yellow                                                  | 15                          | EV1                | 5                | PEWx+2                   |
| Yellow-Brown                                                  | 16                          | EI1                | 6                |                          |
| White-Grey                                                    | 17                          | 2-                 | 10               |                          |
| Grey-Brown                                                    | 18                          | EV3                | 11               | PEWx+6                   |
| White-Pink                                                    | 19                          | EI3                | 12               |                          |
| Pink-Brown                                                    | 20                          | PT-                | 15               |                          |
| White-Blue                                                    | 21                          | SV0                | 16               | PEWx+0                   |
| Brown-Blue                                                    | 22                          | SI0                | 17               |                          |
| White-Red                                                     | 23                          | M                  | 20               | Mana                     |
| Brown-Red                                                     | 24                          | POS.               | 1                | located for<br>CPU314C-2 |
| White-Black                                                   | 25                          | nc                 | nc               |                          |
| Shield                                                        |                             | Connected to Sub-D |                  |                          |

| Color coding<br>acc. to DIN VDE 47100<br>Cable 2; Channel 0-7 | 10 poles flat<br>connector |        | PLC<br>connector |        |
|---------------------------------------------------------------|----------------------------|--------|------------------|--------|
|                                                               | Pin<br>number              | Wiring | Pin<br>number    | Signal |
| White                                                         | 1                          | 0.0    | 22               | DI+2.0 |
| Brown                                                         | 2                          | 0.1    | 23               | DI+2.1 |
| Green                                                         | 3                          | 0.2    | 24               | DI+2.2 |
| Yellow                                                        | 4                          | 0.3    | 25               | DI+2.3 |
| Grey                                                          | 5                          | 0.4    | 26               | DI+2.4 |
| Pink                                                          | 6                          | 0.5    | 27               | DI+2.5 |
| Blue                                                          | 7                          | 0.6    | 28               | DI+2.6 |
| Red                                                           | 8                          | 0.7    | 29               | DI+2.7 |
| Black                                                         | 9                          | +      | nc               |        |
| Violet                                                        | 10                         | -      | 30               | 4M     |

**Data**  
**Notes**

Note

If less than 3 channels are used simultaneously, the maximum current per conductor is 2 A and up to 5 A (30°C ambient temperature) or 3.5 A (50°C ambient temperature) at pins N/L. If more than 3 channels are used simultaneously, the maximum current per conductor is 0.75 A and up to 5 A (30°C ambient temperature) or 3.5 A (50°C ambient temperature) at pins N/L.

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 digital inputs and 7 analog signals |
| Operating voltage       | ≤ AC/DC 35 V                          |
| Current per wire (max.) | 1 A                                   |

## Compatibility

### Siemens

|                |                                                                                                                                        |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Siemens S7-300 | 6ES7 313-5BE01-0AB0<br>6ES7 313-5BG04-0AB0<br>6ES7 314-6BF01-0AB0<br>6ES7 314-6BG03-0AB0<br>6ES7 314-6CF01-0AB0<br>6ES7 314-6CG03-0AB0 |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------|

## Connection data

|            |                   |
|------------|-------------------|
| Cable type | LiYY              |
| Color code | per DIN VDE 47100 |

### Connection 1

|                   |                                 |
|-------------------|---------------------------------|
| Connector         | D-subminiature female connector |
| Pole number 1     | 25                              |
| Connection type 1 | System                          |

### Connection 2

|                   |                                                     |
|-------------------|-----------------------------------------------------|
| Connector 2       | Pluggable connector per DIN 41651; female connector |
| Pole number 2     | 10                                                  |
| Connection type 2 | System                                              |

### Connection 3

|                   |                             |
|-------------------|-----------------------------|
| Connector 3       | Siemens 6ES7-392-1BM00-0AA0 |
| Pole number 3     | 40                          |
| Connection type 3 | System                      |

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



## Physical data

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

## Material data

|        |       |
|--------|-------|
| Weight | 309 g |
|--------|-------|

## Environmental requirements

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

## Commercial data

|                       |                  |
|-----------------------|------------------|
| Product Group         | 30 (WAGO France) |
| ETIM 8.0              | EC000237         |
| ETIM 7.0              | EC000237         |
| PU (SPU)              | 1 pcs            |
| Country of origin     | FR               |
| GTIN                  | 4045454883102    |
| 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 706-2300/701-100                                                                       | URL | Download |
| System cable; for Siemens S7-300; 8 digital inputs and 7 analog signals; Length: 1 m; Conductor cross-section: 0.25 mm² |     |          |

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## Installation Notes

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