



Similar to illustration

| Color coding<br>acc. to DIN VDE 47100 | 25 pin<br>Sub-D connector |        | PLC<br>connector |        |
|---------------------------------------|---------------------------|--------|------------------|--------|
|                                       | Pin<br>number             | Wiring | Pin<br>number    | Signal |
| White                                 | 1                         | 0+     | 1                | VOUT0  |
| Brown                                 | 2                         | 0-     | 3                | RTN0   |
| Green                                 | 3                         | 1+     | 7                | VOUT1  |
| Yellow                                | 4                         | 1-     | 5                | RTN1   |
| Grey                                  | 5                         | 2+     | 11               | VOUT2  |
| Pink                                  | 6                         | 2-     | 15               | RTN2   |
| Blue                                  | 7                         | 3+     | 17               | VOUT3  |
| Red                                   | 8                         | 3-     | 19               | RTN3   |
| Black                                 | 9                         | 4+     | 2                | VOUT4  |
| Violet                                | 10                        | 4-     | 6                | RTN4   |
| Grey-Pink                             | 11                        | 5+     | 8                | VOUT5  |
| Red-Blue                              | 12                        | 5-     | 10               | RTN5   |
| White-Green                           | 13                        | 6+     | 12               | VOUT6  |
| Brown-Green                           | 14                        | 6-     | 16               | RTN6   |
| White-Yellow                          | 15                        | 7+     | 18               | VOUT7  |
| Yellow-Brown                          | 16                        | 7-     | 14               | RTN7   |
| White-Grey                            | 17                        | no     | no               | no     |
| Grey-Brown                            | 18                        | no     | no               | no     |
| White-Pink                            | 19                        | no     | no               | no     |
| Pink-Brown                            | 20                        | no     | no               | no     |
| White-Blue                            | 21                        | no     | no               | no     |
| Brown-Blue                            | 22                        | no     | no               | no     |
| White-Red                             | 23                        | no     | no               | no     |
| Brown-Red                             | 24                        | no     | no               | no     |
| White-Black                           | 25                        | no     | no               | no     |
| Shield                                | Connected to Sub-D        |        |                  |        |

| 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 outputs; voltage |
| Operating voltage       | ≤ AC/DC 35 V              |
| Current per wire (max.) | 2 A                       |

| Compatibility          |                           |
|------------------------|---------------------------|
| Rockwell               |                           |
| Rockwell Control Logix | 1756 - OF8<br>1756 - OF8H |

| Connection data    |                   |
|--------------------|-------------------|
| Cable type         | LiYCY             |
| Color code         | per DIN VDE 47100 |
| Connection 1       |                   |
| Connector          | Socket            |
| Pole number 1      | 25                |
| Connection type 1  | System            |
| Wire cross-section | 0.25 mm²          |

| Connection 2      |                         |
|-------------------|-------------------------|
| Connector 2       | Allen Bradley 1756-TBSH |
| Pole number 2     | 20                      |
| Connection type 2 | System                  |



| Physical data |     |
|---------------|-----|
| Cable length  | 2 m |

| Material Data |       |
|---------------|-------|
| Fire load     | 0 MJ  |
| Weight        | 1.1 g |

| Environmental requirements                         |                |
|----------------------------------------------------|----------------|
| Ambient temperature (operation at U <sub>N</sub> ) | -20 ... +50 °C |

| Commercial data   |               |
|-------------------|---------------|
| ETIM 8.0          | EC000237      |
| ETIM 7.0          | EC000237      |
| PU (SPU)          | 1 pcs         |
| Packaging type    | Box           |
| Country of origin | FR            |
| GTIN              | 4055143120951 |

| Downloads |  |
|-----------|--|
|-----------|--|

| Environmental Product Compliance                     |                                                                                     |
|------------------------------------------------------|-------------------------------------------------------------------------------------|
| Compliance Search                                    |                                                                                     |
| Environmental Product Compliance<br>706-4756/504-200 |  |

| Documentation                       |                                                                                                      |
|-------------------------------------|------------------------------------------------------------------------------------------------------|
| System Description                  |                                                                                                      |
| WAGO System Wiring, Selection Guide | pdf<br>533.15 KB  |