

# Pin assignment

Pin assignment number: 3475

Index: + 185E = K296

08.09.2011

Connector name: 12-pol.CONTACT Pin-count: 12

Page: 1/1

| Pin | Designation         | Description                      | Level  | Driver | NC | Colour    |
|-----|---------------------|----------------------------------|--------|--------|----|-----------|
| 1   | SSI_Clock-_IN       | Clock input -                    | RS 422 | RS 422 |    | white     |
| 2   | SSI_Clock+_IN       | Clock input +                    | RS 422 | RS 422 |    | brown     |
| 3   | SSI_DATA+_OUT       | Data output +                    | RS 422 | RS 422 |    | green     |
| 4   | SSI_DATA-_OUT       | Data output -                    | RS 422 | RS 422 |    | yellow    |
| 5   | CH_A_OUT            | Channel A                        | RS 422 | RS 422 |    | gray      |
| 6   | /CH_A_OUT           | Channel A inverted               | RS 422 | RS 422 |    | pink      |
| 7   | CH_B_OUT            | Channel B                        | RS 422 | RS 422 |    | blue      |
| 8   | /CH_B_OUT           | Channel B inverted               | RS 422 | RS 422 |    | red       |
| 9   | Ser.Program+_IN/OUT | Ser. programming interface RS485 | RS 485 | RS 485 |    | black     |
| 10  | Ser.Program-_IN/OUT | Ser. programming interface RS485 | RS 485 | RS 485 |    | violet    |
| 11  | Supply Voltage IN   | Supply voltage                   | 11-27V |        |    | gray/pink |
| 12  | Ground IN           | Ground                           | 0V     |        |    | red/blue  |

**WARNING !!**

**'De-energize the system before carrying out wiring work or opening and closing electrical connections !!!  
Short-circuits, voltage peaks, etc. can cause operating failures and uncontrolled operating states, as well as serious personal injuries and damage to property.**

**Verdrahtungsarbeiten, Öffnen und Schließen von elektrischen Verbindungen nur im spannungslosen Zustand durchführen !!! Kurzschlüsse, Spannungsspitzen etc. können zur Fehlfunktion und unkontrollierten Zuständen der Anlage bzw. zu erheblichen Personen- und Sachschäden führen.**

# Pin assignment

Pin assignment number: 185

Index: E + 3475 = K296

08.09.2011

Connector name: 12-pol.CONTACT Pin-count: 12

Page: 1/1

| Pin | Designation         | Description                      | Level          | Driver | NC | Colour    |
|-----|---------------------|----------------------------------|----------------|--------|----|-----------|
| 1   | SSI_Clock-_IN       | Clock input -                    | RS 422         | RS 422 |    | white     |
| 2   | SSI_Clock+_IN       | Clock input +                    | RS 422         | RS 422 |    | brown     |
| 3   | SSI_DATA+_OUT       | Data output +                    | RS 422         | RS 422 |    | green     |
| 4   | SSI_DATA-_OUT       | Data output -                    | RS 422         | RS 422 |    | yellow    |
| 5   | Ser.Program+_IN/OUT | Ser. programming interface RS485 | RS 485         | RS 485 |    | gray      |
| 6   | Ser.Program-_IN/OUT | Ser. programming interface RS485 | RS 485         | RS 485 |    | pink      |
| 7   | not connected       |                                  |                |        |    |           |
| 8   | Direction IN        | Change of counting direction     | Supply Voltage |        | 0  | red       |
| 9   | Preset1_IN          | Preset value 1                   | Supply Voltage |        | 0  | black     |
| 10  | Preset2_IN          | Preset value 2                   | Supply Voltage |        | 0  | violet    |
| 11  | Supply Voltage IN   | Supply voltage                   | 11-27V         |        |    | gray/pink |
| 12  | Ground IN           | Ground                           | 0V             |        |    | red/blue  |

**WARNING !!**

**'De-energize the system before carrying out wiring work or opening and closing electrical connections !!!**

**Short-circuits, voltage peaks, etc. can cause operating failures and uncontrolled operating states, as well as serious personal injuries and damage to property.**

**Verdrahtungsarbeiten, Öffnen und Schließen von elektrischen Verbindungen nur im spannungslosen Zustand durchführen !!! Kurzschlüsse, Spannungsspitzen etc. können zur Fehlfunktion und unkontrollierten Zuständen der Anlage bzw. zu erheblichen Personen- und Sachschäden führen.**