

# Pin assignment

Pin assignment number: 3025

Index: + 3026 = K228

30.08.2011

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

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| Pin | Designation         | Description                      | Level          | Driver | NC | Color     |
|-----|---------------------|----------------------------------|----------------|--------|----|-----------|
| 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  | not connected       |                                  |                |        |    |           |
| 11  | Supply Voltage IN   | Supply voltage                   | 11-27V         |        |    | gray/pink |
| 12  | Ground IN           | Ground                           | 0V             |        |    | red/blue  |

**ZE-Programming note :**

'If the encoder is programmed, no signal must be connected at SSI\_Clock -\_IN and SSI\_Clock+\_IN !

**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: 3026

Index: + 3025 = K228

30.08.2011

Connector name: 9-pol.CONTACT Pin-count: 9

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| Pin | Designation       | Description                | Level  | Driver | NC | Color  |
|-----|-------------------|----------------------------|--------|--------|----|--------|
| 1   | CH_A_OUT          | Channel A                  | 5V     | RS 422 |    | white  |
| 2   | /CH_A_OUT         | Channel A inverted         | 5V     | RS 422 |    | brown  |
| 3   | CH_B_OUT          | Channel B                  | 5V     | RS 422 |    | green  |
| 4   | /CH_B_OUT         | Channel B inverted         | 5V     | RS 422 |    | yellow |
| 5   | CH_I_OUT          | Channel Reference          | 5V     | RS 422 |    | gray   |
| 6   | /CH_I_OUT         | Channel Reference inverted | 5V     | RS 422 |    | pink   |
| 7   | not connected     |                            |        |        |    |        |
| 8   | Supply Voltage IN | Supply voltage             | 11-27V |        |    | red    |
| 9   | Ground IN         | Ground                     | 0V     |        |    | black  |

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

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**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.**