

Pin assignment

Pin assignment number: 2444
Index:

25.07.2011

Connector name: 12-pol.CONTACT Pin-count: 12
+ 2551 + 185A = K185

Page: 1/1

| 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 | not connected | | | | | |
| 6 | not connected | | | | | |
| 7 | not connected | | | | | |
| 8 | not connected | | | | | |
| 9 | not connected | | | | | |
| 10 | not connected | | | | | |
| 11 | Supply Voltage IN | Supply voltage | 11-27V | | | yellow/pink |
| 12 | Ground IN | Ground | 0V | | | red/blue |

Connector coding
'!!! Connector Y - coded !!!
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: 2551

Index:

25.07.2011

Connector name: 25-pol.HARTING Pin-count: 25

+ 2444 + 185A = K185

Page: 1/1

| Pin | Designation | Description | Level | Driver | NC | Color |
|-----|---------------------|----------------------------------|----------------|--------|----|-------------|
| A1 | SSI_Clock-_IN | Clock input - | RS 422 | RS 422 | | white |
| A2 | SSI_Clock+_IN | Clock input + | RS 422 | RS 422 | | brown |
| A3 | SSI_DATA+_OUT | Data output + | RS 422 | RS 422 | | green |
| A4 | SSI_DATA-_OUT | Data output - | RS 422 | RS 422 | | yellow |
| A5 | Ser.Program+_IN/OUT | Ser. programming interface RS485 | RS 485 | RS 485 | | gray |
| A6 | Ser.Program-_IN/OUT | Ser. programming interface RS485 | RS 485 | RS 485 | | pink |
| A7 | Direction IN | Change of counting direction | Supply Voltage | | 0 | blue |
| A8 | Preset1_IN | Preset value 1 | Supply Voltage | | 0 | red |
| A9 | Preset2_IN | Preset value 2 | Supply Voltage | | 0 | black |
| B2 | CH_A_OUT | Channel A | RS 422 | RS 422 | | violet |
| B3 | /CH_A_OUT | Channel A inverted | RS 422 | RS 422 | | gray/pink |
| B4 | CH_B_OUT | Channel B | RS 422 | RS 422 | | red/blue |
| B5 | /CH_B_OUT | Channel B inverted | RS 422 | RS 422 | | withe/green |
| B6 | not connected | | | | | |
| B7 | not connected | | | | | |
| B8 | not connected | | | | | |
| C1 | not connected | | | | | |
| C2 | not connected | | | | | |
| C3 | not connected | | | | | |
| C4 | not connected | | | | | |
| C5 | not connected | | | | | |
| C6 | not connected | | | | | |
| C7 | not connected | | | | | |
| C8 | Supply Voltage IN | Supply voltage | 11-27V | | | brown/red |
| C9 | Ground IN | Ground | 0V | | | withe/black |

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Pin assignment

Pin assignment number: 185

Index: A

25.07.2011

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

+ 2444 + 2551 = K185

Page: 1/1

| 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 | 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.

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