

# Pin assignment

Pin assignment number: 2968

Index: A + 3879 = K344

15.09.2011

Connector name: 12-pol.CONTACT

Pin-count: 12

Page: 1/1

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

**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.**

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Pin	Designation	Description	Level	Driver	NC	Colour
1	CH_A_OUT	Channel A	5V	RS 422		white
2	/CH_A_OUT	Channel A inverted	5V	RS 422		brown
3	not connected					
4	CH_B_OUT	Channel B	5V	RS 422		yellow
5	/CH_B_OUT	Channel B inverted	5V	RS 422		gray
6	Preset1_IN	Preset value 1	Supply Voltage		0	pink
7	CH_I_OUT	Channel Reference	5V	RS 422		blue
8	/CH_I_OUT	Channel Reference inverted	5V	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	11-28V			gray/pink
12	Ground IN	Ground	0V			red/blue

**Connector coding****'!!! Connector Y - coded !!!****WARNING !!**

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