

# Pin assignment

**Pin assignment number: 1439**
**Index: A + 2109 = K147** 20.07.2011

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

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Pin	Designation	Description	Level	Driver	NC	Color
1	CH_A_OUT	Channel A	RS 422	RS 422		white
2	/CH_A_OUT	Channel A inverted	RS 422	RS 422		brown
3	CH_B_OUT	Channel B	RS 422	RS 422		green
4	/CH_B_OUT	Channel B inverted	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	ISI_Set_IN	Load	Supply Voltage	Push Pull		blue
8	ISI_Set_Done_OUT	Load End	Supply Voltage	Push Pull		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.

# Pin assignment

Pin assignment number: 2109

Index: + 1439A = K147

20.07.2011

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

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Pin	Designation	Description	Level	Driver	NC	Color
A1	CH_A_OUT	Channel A	RS 422	RS 422		white
A2	/CH_A_OUT	Channel A inverted	RS 422	RS 422		brown
A3	CH_B_OUT	Channel B	RS 422	RS 422		green
A4	/CH_B_OUT	Channel B inverted	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	ISI_Set_IN	Load	Supply Voltage		0	blue
A8	ISI_Set_Done_OUT	Load End	Supply Voltage	Push Pull		red
A9	Preset1_IN	Preset value 1	Supply Voltage		0	black
B2	Preset2_IN	Preset value 2	Supply Voltage		0	violet
B3	not connected					
B4	not connected					
B5	not connected					
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			white/black

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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.**