

# Pin assignment

Pin assignment number: 2212

Index: + 246 = K156

20.07.2011

Connector name: 40-pol.HARTING Pin-count: 40

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Pin	Designation	Description	Level	Driver	NC	Color
a1	O_D0	Data output				white
a2	O_D1	Data output				brown
a3	O_D2	Data output				green
a4	O_D3	Data output				yellow
a5	O_D4	Data output				gray
a6	O_D5	Data output				pink
a7	O_D6	Data output				withe/pink
a8	O_D7	Data output				withe/green
a9	O_D8	Data output				withe/red
a10	O_D9	Data output				withe/blue
b1	O_D10	Data output				withe/gray
b2	O_D11	Data output				withe/yellow
b3	O_D12	Data output				yellow/brown
b4	O_D13	Data output				gray/pink
b5	not connected					
b6	not connected					
b7	not connected					
b8	not connected					
b9	not connected					
b10	not connected					
c1	Direction IN	Change of counting direction				violet
c2	not connected					
c3	not connected					
c4	Supply Voltage IN	Supply voltage	11-27V			red-red/blue
c5	Ground IN	Ground	0V			blue-black
c6	not connected					
c7	not connected					
c8	not connected					
c9	not connected					
c10	not connected					
d1	not connected					
d2	not connected					
d3	not connected					
d4	not connected					
d5	not connected					
d6	not connected					
d7	not connected					
d8	not connected					
d9	not connected					
d10	not connected					

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**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: 246

Index: + 2212 = K156

11.07.2011

Connector name: 15-pol.SUB-D

Pin-count: 15

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Pin	Designation	Description	Level	Driver	NC	Color
1	Adress 2 <sup>0</sup> _IN	Encoder address 2 <sup>0</sup>	Supply Voltage		0	white
2	Adress 2 <sup>1</sup> _IN	Encoder address 2 <sup>1</sup>	Supply Voltage		0	brown
3	Adress 2 <sup>2</sup> _IN	Encoder address 2 <sup>2</sup>	Supply Voltage		0	green
4	Adress 2 <sup>3</sup> _IN	Encoder address 2 <sup>3</sup>	Supply Voltage		0	yellow
5	not connected					
6	DATA+_OUT	Data output +	RS 422	RS 422		pink
7	DATA-_OUT	Data output -	RS 422	RS 422		blue
8	Clock+_IN	Clock input +	RS 422	RS 422		red
9	Clock-_IN	Clock input -	RS 422	RS 422		black
10	not connected					
11	not connected					
12	Format recognition					red/blue
13	not connected					
14	Supply Voltage IN	Supply voltage	11-27V			brown/green
15	Ground IN	Data output	0V			withe/yellow

**FORMAT DETECTION:**

'LOW = TA-MINI

HIGH = PT-100

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