

## Pin assignment

Pin assignment number: 2941

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13.01.2021

Connector name: 50-pol HARTING

Pin-count: 50

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Pin	Designation	Description	Colour
a13	O_D0	Data output	-
a12	O_D1	Data output	-
a11	O_D2	Data output	-
a10	O_D3	Data output	-
a9	O_D4	Data output	-
a8	O_D5	Data output	-
a7	O_D6	Data output	-
a6	O_D7	Data output	-
a5	O_D8	Data output	-
a4	O_D9	Data output	-
a3	O_D10	Data output	-
a2	O_D11	Data output	-
a1	O_D12	Data output	-
b12	O_D13	Data output	-
b11	O_D14	Data output	-
b10	O_D15	Data output	-
b9	O_D16	Data output	-
b8	O_D17	Data output	-
b7	O_D18	Data output	-
b6	O_D19	Data output	-
b5	O_D20	Data output	-
b4	O_D21	Data output	-
b3	O_D22	Data output	-
b2	O_D23	Data output	-
b1	not connected		-
c13	CH_A_OUT	Channel A	-
c12	/CH_A_OUT	Channel A inverted	-
c11	CH_B_OUT	Channel B	-
c10	/CH_B_OUT	Channel B inverted	-
c9	SSI_Clock-_IN	Clock input -	-
c8	SSI_Clock+_IN	Clock input +	-
c7	I_Latch	High=Latch	-
c6	Preset1_IN	Preset value 1	-
c5	Direction IN	Change of counting direction	-
c4	Preset2_IN	Preset value 2	-
c3	not connected		-
c2	not connected		-
c1	not connected		-
d12	not connected		-
d11	not connected		-
d10	Ser.Program+_IN/OUT	Ser. programming interface RS485	-
d9	Ser.Program-_IN/OUT	Ser. programming interface RS485	-
d8	SSI_DATA+_OUT	Data output +	-
d7	SSI_DATA-_OUT	Data output -	-
d6	not connected		-
d5	not connected		-
d4	Ground IN	Ground	-

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d3	Ground IN	Ground	-
d2	not connected		-
d1	Supply Voltage IN	Supply voltage	-

### 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.