



Documentation of controller settings, type D1Ca

Identity code: D1C _____ Serial number: _____

Measured variable: _____ Measurement range: _____

Site operating materials identification: _____

Software version: **D1C-FW** _____

Calibrating: Zero point: _____ Slope: _____

Measured value: Range allocation
0/4 mA _____ 20 mA _____
Measured value control time on _____s, off

Correction variable: yes no off manual _____°C
automatic CLE CGE/CTE

Pumps: Pump 1: yes no max. stroke no.: _____ / min.
Pump 2: yes no max. stroke no.: _____ / min.

Relays: Relay 1: Motor control valve SV Actuator Limit value Timer off
Relay 2: SV Actuator Limit value Timer off

SV1: Cycle time: _____ s Min. time: _____ s
SV2: Cycle time: _____ s Min. time: _____ s

Timer 1: Cycle: _____ h t on: _____ min
Timer 2: Cycle: _____ h t on: _____ min

For limit value relay see also "limit value".

Limit value: yes no
Limit value 1: _____ Limit value 2: _____

lower upper off
lower upper off

Relay 1: LV 1 N/O N/C
Relay 2: LV 2 N/O N/C

Δt on _____s Δt off _____s
 Δt on _____s Δt off _____s

Limit value fault
Hysteresis limit values _____
 Δt on: _____ s
Control: on off

Stroke adjustment motor:yes no Dosing direction: _____ Adjustment range: _____**Control:**yes no normal set value _____with dead zone set value 1 _____, set value 2 _____Control parameters xp _____ %, T_i _____ s, T_D _____ s

Additive basic load _____ %

manual _____ %**Feed forward control:**yes no additive multiplicative 10 Hz 500 Hz 0-20 mA 4-20 mA

Nominal value: _____ Hz or _____ mA

Maximum additive control variable _____ %

Analogue output 1:MV Control variable Correction value off Signal range: 0 ... 20 mA 4 ... 20 mA

Signal allocation:

mA signal: 0/4 mA: _____ 20 mA: _____

Analogue output 2:MV Control variable Correction value off Signal range: 0 ... 20 mA 4 ... 20 mA

Signal allocation:

mA signal: 0/4 mA: _____ 20 mA: _____

General settings:Alarm relay active not active Pause normal Pause Hold N/O N/C Alarm off Alarm on

Time delay td: _____ min.

Access code: _____

Operating menu: Language _____ complete restricted