Documentation of type D2Ca pH/pH controller settings

Site
Operating media identification: _____

Serial number nameplate: _____

Identcode nameplate: _____

Identcode display: _____

Software version: **D2C-** _____

Fault messages: Ɛ _____

Calibration values:
Measured value 1: Zero point _____ mV Slope _____ mV/pH
Measured value 2: Zero point _____ mV Slope _____ mV/pH

Probe connection:
Measured value 1: SN 6/mV terminal ☐ Analogue input ☐
Measured value 2: Analogue input

Controller:
Measured value 1: pH
Automatic ☐ Set value _____ pH

Auto with dead zone ☐ Set value 2 top
SV1: _____ pH
Set value 1 bottom
SV1: _____ pH

Manual ☐ _____ %
Dosing direction: Acid/Alcaline
Control parameters: Xp _____ % Ti _____ s Td _____ s
Additional load: _____ %

Pumps:
Measured value 1 (acid): yes ☐ no ☐ Max. stroke rate: _____ / min.
Measured value 2 (alkaline): yes ☐ no ☐ Max. stroke rate: _____ / min.

Relays:
Relay 1:
Measured value 1 ☐ Measured value 2 ☐ Measured value Δ ☐
Off ☐ Limit value ☐ Actuator ☐ SV ☐

Relay 2:
Measured value 1 ☐ Measured value 2 ☐ Measured value Δ ☐
Off ☐ Limit value ☐ Actuator ☐ SV ☐

Limit settings:
Measured value 1:

	upper	lower
LV 2:	☐	☐
LV 1:	☐	☐

LV 1: _____ pH LV 2: _____ pH

Hysteresis LV1 _____ pH Checkout time LV 1 _____ s

Measured value 2:

	upper	lower
LV 2:	☐	☐
LV 1:	☐	☐

Limit 2: _____ Limit 1: _____

Hysteresis LV1 _____ Checkout time LV 1 _____
Limit value 2 upper
MV Δ: _____ pH
Hysteresis LV1 _____ Checkout time LV 1 _____

Limit value relay/actuator: yes ☐ no ☐

Limit value relay 1:
LV1 ☐ LV2 ☐ Zone ☐ off ☐
N/O ☐ N/C ☐
Δt on: _____ s Δt off: _____ s

Limit value relay 2:
LV1 ☐ LV2 ☐ Zone ☐ off ☐
N/O ☐ N/C ☐
Δt on: _____ s Δt off: _____ s

Solenoid valve:
Measured value 1 Measured value 2
Cycle time: _____ s Cycle time: _____ s

Min. time: _____ s Min. time: _____ s

Correction value:
Measured value 1: yes ☐ no ☐
Automatic ☐ off ☐ manual ☐ _____ °C

Measured value 2: yes ☐ no ☐
Automatic ☐ off ☐ manual ☐ _____ °C

Analogue output 1:
MV1 ☐
MV2 ☐
Set value 1 ☐
Correction value 1 ☐
Correction value 2 ☐
Off ☐

Signal range: 0 ... 20 mA ☐ 4 ... 20 mA ☐

Signal allocation:
mA signal: pH 0/4 mA: _____ 20 mA: _____

Analogue output 2:
MV1 ☐
MV2 ☐
Set value 1 ☐
Correction value 1 ☐
Correction value 2 ☐
Off ☐

Signal range: 0 ... 20 mA ☐ 4 ... 20 mA ☐

Signal allocation:
mA signal: pH 0/4 mA: _____ 20 mA: _____

General settings:
Alarm relay ☐ active
☐ not active

Pause:
N/O ☐ N/C ☐
Alarm off ☐ Alarm on ☐
Delay time td: _____ min.

Control input:
N/O ☐ N/C ☐
Sample flow ☐
Off ☐

Operating menu:
Access code: _____
Operating menu:
Language: _____
☐ complete
☐ reduced