Documentation for Controller Parameters: Type D2C pH/pH

Customer: _____ Date: _____

Location: _____

Reference: _____

Order Number: _____

Ident-code: D2C_____ Firmware version: _____
Serial number: _____

Calibration:

Calibration mv 1:
Zero Point: _____mV Slope: _____mV/pH slope at _____ °C

Calibration mv 2:
Zero Point: _____mV Slope: _____mV/pH slope at _____ °C

Limit Setting:

Limit Value 1: Limit 1 (mv 1): _____pH (Lower) (Upper)
Limit 2 (mv 1): _____pH (Lower) (Upper)

LV-relay 1: (off) (LV1) (LV2) (zone)
(Active closed) (Active open)
Δ t on = _____s
Δ t off = _____s
Hysteresis Limits: _____pH
Checkout Time Limits: _____s

Limit Value 2: Limit 1 (mv 2): _____pH (Lower) (Upper)
Limit 2 (mv 2): _____pH (Lower) (Upper)

LV-relay 2: (off) (LV1) (LV2) (zone)
(Active closed) (Active open)
Δ t on = _____s
Δ t off = _____s
Hysteresis Limits: _____pH
Checkout Time Limits: _____s

Limit value Δ: Limit 1: upper mvΔ: _____pH

Hysteresis Limits: _____pH
Checkout Time Limits: _____s

Control Setting:

Control value 1:
Control mv 1: (automatic) (with dead zone) (manual) (off)
Dosing direction: (acid/alkali) (acid) (alkali)
Set Point 1 lower: mv1: _____pH
Set Point 2 upper : mv1: _____pH
Manual dosing: mv1: _____%
Control parameter: xp = _____%
Ti = _____s
Td = _____s

Additional Load = mv1: _____%

Pump Settings:

Pump 1: (meas. value 1) (off)
(Acid) (Alkali)
f: _____ strokes/min

Pump 2: (meas. value 1) (off)
(Acid) (Alkali)
f: _____ strokes/min

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of Companies

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Date:_____

Relay Setting:

Relay 1:

relay 2: (meas. value 1) (meas. value 2) (meas. value Δ) (off)
relay adjustment: (limit) (Actuator)

Relay 2:

relay 2: (meas. value 1) (meas. value 2) (meas. value Δ) (off)
relay adjustment: (limit) (Actuator)

Correcting value setting:

Correcting value temperature:

Meas. value 1: (auto) (manual) (delta) (off)
Meas. value 2: (auto) (manual) (delta) (off)

Manual setting:_____°C
Delta setting: _____°C

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mA output settings:

mA output 1: (measured value 1) (measured value 2) (regulated value 1)
(regulated value 2) (regulated value Δ) (off)

(4… 20 mA) (0… 20 mA)

mA output 1: measured value_____: 4mA = _____pH
20mA=_____pH
regulated value_____: 4mA = _____%
20mA=_____%

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mA output 2: (measured value 1) (measured value 2) (regulated value 1)
(regulated value 2) (regulated value Δ) (off)

(4… 20 mA) (0… 20 mA)

mA output 2: measured value_____: 4mA = _____pH
20mA=_____pH
regulated value_____: 4mA = _____%
20mA=_____%

General setting information:

Ident-Code: D2Ca_____
Firmware version: _____

Alarm relay: (Active) (Not Active)

Pause: (Active Closed) (Active Open)
(Alarm off) (Alarm on)
td: _____ min

Control input: (active closed) (active opened)
(sample flow) (off)

Access c.: _____
Operating menu: (English) (francais) (Espanol) (deutsch)
(Complete) (Reduce)

Additional Application Notes:

pH 1:

Type of Sensor:_____
Method of mounting sensor:_____
Length of sensor cable:_____

pH 2:

Type of Sensor:_____
Method of mounting sensor:_____
Length of sensor cable:_____