

CoriolisMaster FCX400

Coriolis Mass Flowmeter

Notification of change according to NAMUR NE53

Type of device

Field device / signal processing device

Manufacturer:

ABB Automation Products GmbH, Process Automation, Dransfelder Str. 2, 37079 Göttingen, Germany

Device type:

CoriolisMaster FCX400

Previous firmware version:

Firmware 00.03.00 dated January 2016

Previous device code (order code):

FFCB430, FCB450, FCH430, FCH450, FCT430, FCT450

Comments:

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New Firmware

New firmware version:

Firmware 00.04.00 dated November, 2016

New device code (order code):

Unchanged

Description:

- Minor bug fixes
- Smaller changes for SIL2 certificate
- Changes of internal diagnostic limits
- Qvmax can be set up to 100 x QvmaxDN
- New functionality for output simulation: Simulation of a value in „unit“ changes the respective value in percent and vice versa
- Access to HART variables (independent from access point) in line with respective display access (e.g. password or „Read Only“ switch
- Error „wrong timestamps in event history“ fixed
- Correction of wrong menu translations in French, Chinese and English
- New default values for HART variables PV, SV, TV, QV:
PV = Qm, SV = Qv, TV = Density, QV = Temperature
- New unit name of mass totalizer "lb" instead of „pound“.
- New function "pulse output Qm/Qv" set by digital input in menu "Function" in submenu "Dig.In V1/V2 " or "Dig.In V3/V4". Switch of pulse output variable from Qm to Qv according to digital input
- HART multidrop mode:
New submenu item „loop current mode“ being either „multidrop fixed“ or “normal signaling”
- HART addresses can be set from 0 to 63

Compatibility

Is compatibility given after installation of the new firmware / hardware?

- No
 Yes

Firmware or software replacement necessary?

- No
 Yes

Comments:

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Supporting documentation

Is an Update of the instruction manual necessary?

- No
 Yes

Price

Change in price of device in comparison with previous version?

- No
 Yes

Comments:

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