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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