Rosemount™ 3051 Pressure Transmitter

Device Revision History Following NAMUR Recommendation NE53

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Device overview

Type of device	Field device/sensor
Manufacturer	Emerson
Device	Rosemount 3051C, 3051T, 3051L, 3051HT, and 3051CFx
Type	Pressure Transmitter with 4-20 mA HART® protocol

Revision history summary

Release date	Software revision	Hardware revision	Compatibility	Additional details
March 2023	02.00.xx	02.00.xx	DD/FDI/DTM Revision 11	March 2023 revision details
May 2023	01.01.xx	02.00.xx	DD/DTM Revision 9 or 10	May 2023 revision details
April 2012	01.00.xx	01.00.xx	DD Revision 9 or 10	April 2012 revision details

March 2023 revision details

Software revision	02.00.xx
Hardware revision	02.00.xx
Option code	RK
Impact on functional safety	Yes
Impact and change on safety parameters	Yes
Compatibility	DD/DTM/FDI Revision 11
Manual	00809-0100-4007, Rev BD or newer
Reporting of a detected security vulnerability	No

Change summary

Hardware and software updated to add new capabilities: multi-language graphical backlit display, Bluetooth® configuration and maintenance, Plugged Impulse Line diagnostic, diagnostic logs, expanded process alerts, and Guided Proof Test with logs. Also added the following new output variables: Level, Volume, Flow, and Totalizer. The intrinsically safe temperature class rating is now T4 only.

Updates to functional safety parameters due to new versions of hardware and software. A safety impact assessment was carried out to ensure the continued safety performance of the Rosemount 3051. Review 3051 Functional Safety Certificate on Emerson.com.

May 2023 revision details

Software revision	01.01.xx
Hardware revision	02.00.xx
Option code	Not applicable
Impact on functional safety	Yes
Impact and change on safety parameters	Yes
Compatibility	DD/DTM Revision 9 or 10
Manual	00809-0100-4007, Rev BC or older
Reporting of a detected security vulnerability	No

Change summary

Hardware updates to improve component life cycles and software updates to work with new hardware. No changes to functionality or user interfaces. The intrinsically safe temperature class rating is now T4 only.

Updates to functional safety parameters due to new versions of hardware and software. A safety impact assessment was carried out to ensure the continued safety performance of the Rosemount 3051. Review 3051 Functional Safety Certificate on Emerson.com.

April 2012 revision details

Software revision	01.00.xx
Hardware revision	01.00.xx
Option code	Not applicable
Impact on functional safety	Yes
Impact and change on safety parameters	Yes
Compatibility	DD/DTM Revision 9 or 10
Manual	00809-0100-4007, Rev BC or older
Reporting of a detected security vulnerability	No

Change summary

HART® Revision 5 and 7 selectable, power diagnostics, safety certified, local operator interface (LOI), process alerts, scaled variable, configurable alarms, and expanded engineering units.

For more information: **Emerson.com/global**

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