

Rosemount™ 5408 and 5408:SIS Level Transmitters

Device Revision History Following NAMUR Recommendation NE53



Device overview

Type of device	Field device/sensor
Manufacturer	Emerson
Device	Rosemount 5408 and 5408:SIS
Type	Level Transmitter with 4-20 mA HART® or FOUNDATION™ Fieldbus protocol

Revision history summary for HART®

Release date	Hardware revision	Software revision	Device software revision	Compatibility	Additional details
October 2024	1.1.0	1.2.0	1.D0	Device rev. 1	October 2024 revision details
September 2021	1.1.0	1.1.1	1.C0	Device rev. 1	September 2021 revision details
May 2019	1.1.0	1.1.0	1.A8	Device rev. 1	May 2019 revision details
November 2017	1.0.1	1.0.1	1.A5	Device rev. 1	November 2017 revision details
June 2017	1.0.0	1.0.1	1.A5	Device rev. 1	June 2017 revision details
March 2017	1.0.0	1.0.0	1.A3	Device rev. 1	March 2017 revision details

October 2024 revision details

Hardware revision	1.1.0
Software revision	1.2.0
Option code	ET and MV
Impact on functional safety	No
Impact and change on safety parameters	No
Compatibility	Device rev. 1
Manual	00809-0100-4408 , Rev CG or newer
Reporting of a detected security vulnerability	No

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Change summary

HART® Revision 6:

- No changes whenever the device is configured to operate on HART Revision 6

HART Revision 7:

- Added Smart Proof Test Package
- Added Smart Meter Verification
- Added support for power advisory configuration (enable/disable)

September 2021 revision details

Hardware revision	1.1.0
Software revision	1.1.1
Option code	ET
Impact on functional safety	No
Impact and change on safety parameters	No
Compatibility	Device rev. 1
Manual	00809-0100-4408 , Rev CB or newer
Reporting of a detected security vulnerability	No

Change summary

Added Smart Echo Level Test functionality

May 2019 revision details

Hardware revision	1.1.0
Software revision	1.1.0
Option code	Antenna type codes CBF, CBK, CBM, and CBV
Impact on functional safety	No
Impact and change on safety parameters	No
Compatibility	Device rev. 1
Manual	00809-0100-4408 , Rev BE or newer
Reporting of a detected security vulnerability	No

Change summary

Updated design of the cone antenna (PEEK seal) and new device software to support the change

November 2017 revision details

Hardware revision	1.0.1
Software revision	1.0.1
Option code	Antenna type code SAA
Impact on functional safety	No
Impact and change on safety parameters	No
Compatibility	Device rev. 1
Manual	00809-0100-4408 , Rev BA or newer
Reporting of a detected security vulnerability	No

Change summary

Added process seal antenna

June 2017 revision details

Hardware revision	1.0.0
Software revision	1.0.1
Option code	Measurement type codes 3 and 4
Impact on functional safety	No
Impact and change on safety parameters	No
Compatibility	Device rev. 1
Manual	00809-0100-4408 , Rev BA or newer
Reporting of a detected security vulnerability	No

Change summary

Added solids functionality

March 2017 revision details

Hardware revision	1.0.0
Software revision	1.0.0
Option code	Not applicable
Impact on functional safety	No
Impact and change on safety parameters	No
Compatibility	Device rev. 1
Manual	00809-0100-4408 , Rev AA or newer
Reporting of a detected security vulnerability	No

Change summary

Initial release

Revision history summary for FOUNDATION™ Fieldbus

Release date	Hardware revision	Software revision	Device software revision	Compatibility	Additional details
October 2024	1.0.0	1.1.0	1.D0	ITK 6.3.1, Device rev. 1	October 2024 revision details
September 2021	1.0.0	1.0.1	1.C0	ITK 6.3.1, Device rev. 1	September 2021 revision details
May 2019	1.0.0	1.0.0	1.A8	ITK 6.3.1, Device rev. 1	May 2019 revision details

October 2024 revision details

Hardware revision	1.0.0
Software revision	1.1.0
Option code	MV
Impact on functional safety	No
Impact and change on safety parameters	No
Compatibility	ITK 6.3.1, Device rev. 1
Manual	00809-0300-4408 , Rev AH or newer
Reporting of a detected security vulnerability	No

Change summary

- Added Smart Meter Verification
- Added support for power advisory configuration (enable/disable)

September 2021 revision details

Software revision	1.0.1
Hardware revision	1.0.0
Option code	Not applicable
Impact on functional safety	No
Impact and change on safety parameters	No
Compatibility	ITK 6.3.1, Device rev. 1
Manual	00809-0300-4408 , Rev AC or newer
Reporting of a detected security vulnerability	No

Change summary

No change to FOUNDATION™ Fieldbus device

May 2019 revision details

Software revision	1.0.0
Hardware revision	1.0.0
Option code	Not applicable
Impact on functional safety	No
Impact and change on safety parameters	No
Compatibility	ITK 6.3.1, Device rev. 1
Manual	00809-0300-4408 , Rev AA or newer
Reporting of a detected security vulnerability	No

Change summary

Initial release

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