



VisiFerm RS485-ECS / VisiFerm SU RS485-ECS / VisiTrace RS485 Family

Firmware VisiFerm ODOUM108 and VisiTrace LDOUM108 (2026 June)

New Feature / Improvements	Description	Advantage	Update
Revised quality indicator calculation	The Quality Indicator (QI) calculation has been updated to incorporate both sensor operating hours and operating temperature into the evaluation	- Incorporates operating hours and temperature - Warning threshold adjusted (30% → 10%) for the sensor quality indicator only - Measurement output unchanged	Recommended

Firmware VisiFerm ODOUM106 and VisiTrace LDOUM106 (2025 March)

New Feature / Improvements	Description	Advantage	Update
General Improvements	Registers for VISICAL calibration functionality have been fully added back	Backwards compatibility to VisiFerm DO	Only necessary if Visical registers are used
	Lowered sensor quality warning threshold from 40% to 30%	Enhances sensor operational life without triggering warnings	Recommended for all sensors

Firmware VisiFerm ODOUM105 and VisiTrace LDOUM105 (2024 November)

Bugfix for VisiTrace LDOUM104.

Added additional Modbus command to read the heartbeat separately at the register address 4686.

Find all registers in the VisiFerm RS485 Arc Sensors Programmers Manual REF11004302.

Firmware VisiFerm ODOUM104 and VisiTrace LDOUM104 (2024 April)

New Feature / Improvements	Description	Update
General Improvements	Registers for VISICAL calibration functionality have been added back	Only necessary if Visical registers are used

Firmware VisiFerm ODOUM103 and VisiTrace LDOUM103 (2023 September)

General improvements for internal troubleshooting.

Firmware update available.

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HAMILTON 

To find a representative in your area,
please visit:

hamiltoncompany.com/contact

Hamilton Americas & Pacific Rim
Hamilton Company Inc.
4970 Energy Way
Reno, Nevada 89502 USA
Tel: +1-775-858-3000
Fax: +1-775-856-7259
sales@hamiltoncompany.com

Hamilton Europe, Asia, Africa
Hamilton Bonaduz AG
Via Crusch 8
CH-7402 Bonaduz, Switzerland
Tel: +41-58-610-10-10
contact.pa.ch@hamilton.ch

