



Emerson Rosemount 1056-01-22-38-HT

Dual-Channel Liquid Analyzer

Product scope

- Includes one pH/ORP/ISE measurement board in the dual-channel 1056 platform.
- Operates from 115/230 V AC and communicates through the HART option.
- Uses a NEMA 4X/IP65 enclosure suitable for panel, wall or pipe mounting.

Manufacturer source

Exact-model technical record

Verified model-specific overview, function, operating principle, applications and technical data.

Request a fast quote	Product reference	
Email: info@apterpower.com Phone: +86 18106909650 apter.com/inquiry.php	Emerson Rosemount 1056-01-22-38-HT	

The enclosed manufacturer pages are reproduced without alteration to technical content. External interactive links and unrelated pages are excluded from this web-optimized copy.

Emerson Rosemount 1056-01-22-38-HT

Dual-Channel Liquid Analyzer

Product overview

Emerson Rosemount 1056-01-22-38-HT is a dual-channel liquid analyzer configured for 115/230 V AC power, one pH/ORP/ISE input, no second measurement board and HART communication. It provides local display, analog output and digital access for process-liquid monitoring.

1056-01-22-38-HT combines the Rosemount 1056 analyzer platform with a single installed pH/ORP/ISE measurement board. The 01 power code selects 115/230 V AC operation, while the 38 position leaves the second measurement slot unpopulated.

The analyzer converts the connected sensor signal into a displayed process value and configurable output for plant monitoring or control. HART communication adds remote access to measurement and device information over the supported analog communication path.

Sensor type, preamplifier arrangement, temperature element and VP cable must be checked as one measurement loop. The empty second slot should not be described as an active channel until the correct option board is installed and configured.

Technical specifications

Power code	01: 115/230 V AC, 50/60 Hz
Relay configuration	No relays with power code 01
Measurement input 1	22: pH/ORP/ISE
Measurement input 2	38: none
Communication option	HT: HART
Display	Backlit graphical LCD
Enclosure rating	NEMA 4X / IP65
Mounting options	Panel, pipe or wall
Dimensions	155 x 155 x 131 mm
Approximate analyzer weight	1.5 kg
Measurement architecture	Modular dual-channel platform with one board fitted
Primary measurement	pH, ORP or ion-selective electrode

1056-01-22-38-HT function and operating principle

Ordered configuration

The complete suffix identifies power, installed measurement hardware and communication option.

System role

It processes electrochemical sensor signals for local indication and plant-system output.

Selection and installation

Sensor wiring and analyzer configuration must be checked together before calibration.

Functional path

- Includes one pH/ORP/ISE measurement board in the dual-channel 1056 platform.
- Operates from 115/230 V AC and communicates through the HART option.
- Uses a NEMA 4X/IP65 enclosure suitable for panel, wall or pipe mounting.

Application scenarios

- Water-treatment skids can display and transmit continuous pH or ORP measurements.
- Chemical dosing loops use the analyzer value as an input to supervisory or control logic.
- Utility systems can place the NEMA-rated enclosure near sampling equipment while retaining HART access.

1056-01-22-38-HT engineering checks

Communication

- The HT option provides HART communication for the configured analyzer.
- HART data shares the supported analog communication path with the process measurement.
- Host addressing and loop conditions must match the plant asset-management design.

Configuration & Programming

- Measurement input one is assigned to pH, ORP or ion-selective-electrode service.
- The second measurement position is not populated in the 38 execution.
- Menu settings define sensor type, temperature compensation, scaling and alarm behavior.

Monitoring

- Local messages support sensor, calibration and analyzer fault investigation.
- Process trends can reveal coating, reference degradation or unstable sample conditions.
- HART access allows supported device information to be reviewed without opening the enclosure.

Critical technical note

Match the sensor preamplifier and temperature-element configuration before commissioning 1056-01-22-38-HT; incorrect selection can shift pH compensation and diagnostics.

The technical content in this document is limited to the exact product identity shown above and the verified manufacturer material used for preparation.



GLOBAL INDUSTRIAL AUTOMATION SOURCING

Ready to source this part?

Ask for availability, pricing and delivery options.

Request a fast quote

Include the product title and any required part number or quantity.

EMAIL

info@apterpower.com

PHONE

+86 18106909650



SCAN TO CHAT ON WHATSAPP

REQUEST A QUOTE

PRODUCT: Emerson Rosemount 1056-01-22-38-HT

Manufacturer pages are reproduced without alteration to technical content.

Apter Power is not an authorized distributor, reseller or representative of the products featured.