

Memograph M RSG40



More information and current pricing:

www.us.endress.com/RSG40

Benefits:

- Visual: 7" TFT display as onsite display for optimum readability
- Secure: Security package with person-specific access authorization and electronic signature (FDA 21 CFR 11)
- Flexible: Free choice of display mode. E.g. instrument, process screen and circular chart display
- Clear: Alarm management with all active, confirmed and historical alarms
- Practicable: Installation depth 158 mm, front-panel IP65, NEMA4; Operating via external USB keyboard, printout via USB printer
- Limitless: Integrated Web server, fieldbus (Profibus, Modbus), common standard protocols and interfaces such as USB, TCP/IP, OPC and Ethernet are supported
- Informative: Event search, automatic signal analysis

Specs at a glance

- **Input** 4...20 universal 6...14 digital
- **Output** 2 analog
- **Display** Wide-screen TFT
- **Power supply** 100...230 V AC +/-10% 24V (-10%; +15%) AC/DC
- **Storage/Recording** Internal memory SD card USB Stick

Field of application: Safe and complete recording and visualization of all process sequences. The Memograph M RSG40 has a wide range of functionality, modular construction and a intuitive operator concept. With its brilliant 7" TFT display it is possible to display process values e.g. as curves, as a circular chart display or as an application-specific process screen. The Memograph M offer is completed with specific application packages. Memograph M - More than just a videographic recorder!

Features and specifications

Energy & Application Manager

Measuring principle

Application manager

Measuring principle

Energy manager

Function

Mass flow and energy calculation for Water and Steam.

Calculations

Not defined

Number of applications

Not defined

Data storage

yes

Calculation standards

Not defined

Communication

Not defined

Power supply

Not defined

Loop power supply

24...28 V DC

Protection class

IP30

Input

4...20 universal

6...14 digital

Energy & Application Manager**Output**

2 analog

Dimensions (WxHxD)

195.2 x 149.2 x 227.1 mm (7.69" x 5.87" x 8.94")

Operation

Jog shuttle on site and PC software ReadWin

Display

Wide-screen TFT

Software functions

Internal calculation for mass flow and energy

Certificates

CE

EAC

UL (US and CA)

Thermal Energy Measurement**Measuring principle**

Electronic Data Acquisition

Function

Mass flow and energy calculation for Water and Steam.

Certification

CE,

EAC,

UL (US and CA)

Input

4...20 universal, 6...14 digital

Output

2 analog

Thermal Energy Measurement**Relay output**6...12

Auxiliary power supply24...28 V DC

Dimensions (wxhxd)195.2 x 149.2 x 227.1 mm
(7.69" x 5.87" x 8.94")

SoftwareInternal calculation for mass flow and energy

OperationJog shuttle on site and PC software ReadWin

DisplayWide-screen TFT

OthersMemory inside, balancing

Data Acquisition**Measuring principle**Electronic Data Acquisition

FunctionsSignal analysis
Interface / modem
OPC-Server
ReadWin 2000
Mathematic formula editor
energy package, water+steam

Maximal input20 analog (U, I, TC, RTD, Frequency, Pulse)
14 digital (control, event and counting inputs)

Data Acquisition

Maximal output

12 Relay
2 Analog output (I, Pulse)
1 Power loop supply

Interface

RS 232
RS 485
Ethernet
Modbus RTU
Modbus TCP
PROFIBUS DP
USB

Storage/Recording

Internal memory
SD card
USB Stick

Display

TFT 7" colour graphic display

Housing

panel mounting
desktop housing
Field housing

Power supply

100...230 V AC +/- 10%
24V (-10%; +15%) AC/DC

Certification

21 CFR 11
Milk pasteurisation approval
UL recognized
CSA GP

Data Acquisition

Software package

Batch programme
Waster water software
Tele-Alarm software
Gas-Steam-Heat calculation
Energy package + Water + Steam
Waste water + Storm overflow + Tele Alarm
Tele-Alarm software + Energy package + Water + Steam

Data Manager & Data Logger

Measuring principle

Data manager

Measuring principle

Advanced Graphic Data Manager

Function

The versatile solution with secure data recording, visualization and application-specific software packages.

Input

20 analog (max) (U, I, TC, RTD, frequency, pulse)
14 digital (max) (control, event and counting inputs)

Output

12 relays (max)
2 analog output (max) (I, pulse)
1 loop power supply

Interface

RS232/485
Ethernet
USB
Modbus RTU/TCP Slave
Modbus RTU Master
PROFIBUS DP

Data Manager & Data Logger**Storage/Recording**

internal memory
SD card
USB flash drive

Display

TFT 7" colour graphic display

Housing

panel mounting
desktop housing
field housing

Certificates

21 CFR Part 11
Milk pasteurisation approval
UL recognized
CSA

Software package

Batch software
Waster water software
Tele-alarm software
Gas-steam-heat calculation
Energy software (water + steam)
Waste water + storm overflow + Tele Alarm
Tele-alarm software + energy software (water + steam)

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