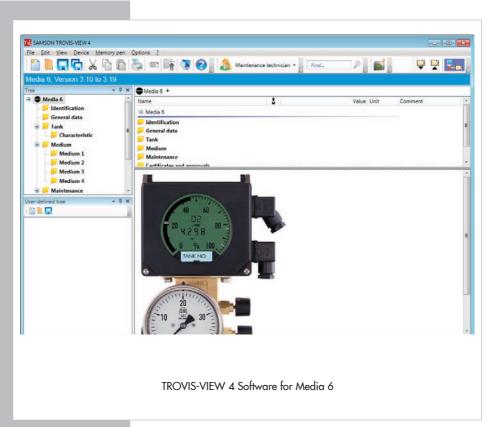
Translation of original instructions

Media 6 Differential Pressure Meter

Configuration with TROVIS-VIEW 4





Operating Instructions

EB 9527-2 EN

Firmware: TROVIS-VIEW 4/Media 6 V3.10-3.19 Edition February 2016



Definition of signal words



DANGER!

Hazardous situations which, if not avoided, will result in death or serious injury



WARNING!

Hazardous situations which, if not avoided, could result in death or serious injury



NOTICE

Property damage message or malfunction



Note:

Additional information



Tip:

Recommended action

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	Communication with Media 6 Differential Pressure and Flow Meter

1 TROVIS-VIEW 4 software

These instructions describe the operation and setting of the Media 6 Differential Pressure Meter on the TROVIS-VIEW 4 operator interface.

Refer to Mounting and Operating Instructions **EB 9527-3** for a description of the **Media 6 Differential Pressure Meter**.

Refer to the Operating Instructions **EB 6661** on how to use the **TROVIS-VIEW 4** software.

The TROVIS-VIEW 4 software allows users to configure and parameterize various smart SAMSON devices (in this case, the Media 6 Differential Pressure Meter) over a common user interface. It consists of the operator interface, communication server, and the device-specific module. It is possible to switch languages during operation (currently, English, German, French, Spanish, Japanese, Russian, Danish available). Working in TROVIS-VIEW is similar to working in Windows Explorer.

In addition to configuration and operation, the TROVIS-VIEW 4 software includes other features, such as documentation of the Media 6 device, for example, editing plant texts, saving and printing configuration data.

Almost the entire configuration of a Media 6 device can be performed using the software. The user level set to 'Maintenance technician' is used to configure the device. This level is set by default and can be changed.

The TROVIS-VIEW 4 software allows operation in offline mode (device not connected to a PC) or in online mode (device connected to a PC). This enables data to be changed in the device immediately, or they can be saved on the computer first and downloaded later to the device on site.

Each smart SAMSON device has its own separate module that contains the device-specific specifications.

1.1 General

TROVIS-VIEW 4 and the Media 6 device are supplied with default data for filling level measurement, in cases where no specifications have been made by the customer.

Newly created data data can be saved to a file, which can be opened at anytime. A stored TROVIS-VIEW file (*.tro) contains the configuration data and parameters of one single device and can be transferred to the Media 6 device after it has been connected to the computer.

Settings and readings of the software are described in these instructions.

Communication with Media 6 Differential Pressure and Flow Meter

To download configuration data from the software to the SAMSON memory pen or to upload data from the memory pen, a SAMSON modular adapter must be inserted into the serial interface of the PC or laptop to connect the memory pen. See the Operating Instructions

• EB 6661 for TROVIS-VIEW 4 software

When the Media 6 device is not connected, the default settings are shown in TROVIS-VIEW 4. A TROVIS-VIEW 4 file (*.tro) can be loaded and edited by selecting **Open** in the **File** menu.



Note:

New records created in TROVIS-VIEW 4 firmware version 3.00 or higher are **not** compatible with earlier versions (e.g. firmware version 2.30).

2 Communication with Media 6 Differential Pressure and Flow Meter

To establish communication between the software and the Media 6 device, the electrical connection of the Media 6 device must be performed as described in the Mounting and Operating Instructions EB 9527-3.

To establish communication, the serial interface of the computer must be connected to the serial interface port of the Media 6 device using the SAMSON connecting cable. Following this, start TROVIS-VIEW 4 and perform the basic settings. The Media 6 device can be configured step-by-step using the start-up wizard.

Write protection switch on the Media 6 device set to OFF.

Refer to the Operating Instructions **EB 6661** on how to use the **TROVIS-VIEW 4** software.

3 User interface

Start TROVIS-VIEW 4 (Media 6).

The interface appears with a menu bar and tool bar and the tree structure for Media 6, which includes all relevant parameters organized in folders and subfolders.



You only perform the settings needed for communication with a Media 6 device.

- Identification
- General data
- Tank
- Medium
- Maintenance
- Certificates and approvals
- Operation

3.1 Liquid level measurement

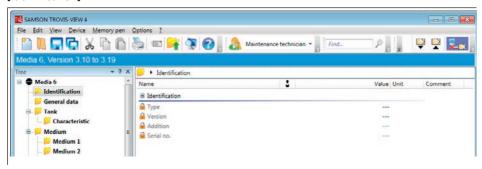
By default, all settings in TROVIS-VIEW 4 are automatically performed in the 'Maintenance technician' user level in [Filling level mode].

In the 'Specialist' user level, [Flow rate mode], [Counting flow rate mode], [Differential pressure mode], [Filling level in tank truck] can also be selected.

3.1.1 Identification

Data relevant for unique identification of the Media 6 device are shown. These details cannot be edited.

[Identification]



Type Media 6 Differential Pressure Meter (Type 5006)

Version Firmware version

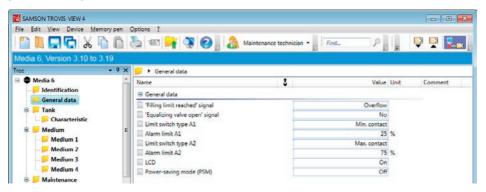
Addition Identifier for different versions

Serial no. Serial number of the connected Media 6 device

3.1.2 General data

They allow the settings relevant for a measuring procedure to be made by selecting options from drop-down lists or by directly entering values.

[General data]



'Filling limit reached' signal

Select either 'Overflow' or 'Operating filling limit'.

Both values for these options are to be entered in [Medium] depending on the specified tanks.

The bar graph blinks on the display when the adjusted limit is exceeded.

'Equalizing valve open' signal

When 'Yes' is selected, a signal is activated when the equalizing valve on the valve block between the (+) and (−) measuring lines (see ► EB 9527-3, Fig. 4) is opened. 'OFF' appears on the display of the device.

Limit switch type A1

For limit switch A1: select either 'Min. contact' or 'Max. contact' in the list.

- Min. contact: alarm 1 is activated when the value falls below the limit.
- Max. contact: alarm 1 is activated when the value exceeds the limit.

Alarm limit A1 in %

Enter the value in the range between 0 and 100 %.

A blinking bar graph on the display indicates that the adjusted value has been exceeded (with a max. contact) or the value has fallen below the adjusted value (with a min. contact).

Limit switch type A2

For limit switch A2: select either 'Min. contact' or 'Max. contact'.

- Min. contact: alarm 2 is activated when the value falls below the limit.
- Max. contact: alarm 2 is activated when the value exceeds the limit.

Alarm limit A2 in %

Enter the value in the range between 0 and 100 %.

A blinking bar graph on the display indicates that the adjusted value has been exceeded (with a max. contact) or the value has fallen below the adjusted value (with a min. contact).

The display can be turned on or off.

Power-saving mode (PSM) · 'On'/'Off'

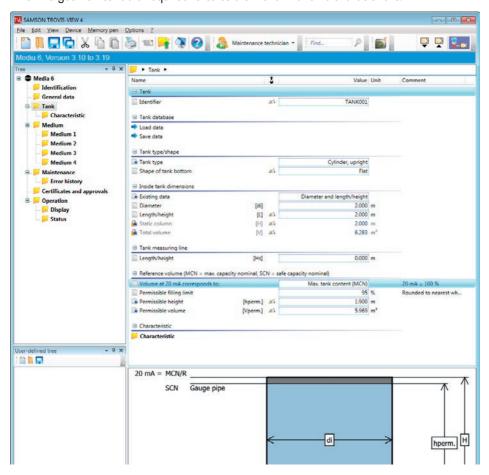
Select 'On' to place the measuring cycle and display into the power saving mode (ESM). The charging state of the battery is indicated in [Status] > [Battery voltage] (see [Status], page 24).

3.1.3 Tank

Certain data about the tank shape must be known to calculate tank characteristic. A default set of data with predetermined values is available in the tank database. Load these data and overwrite them with the corresponding tank geometry data and settings.

[Tank]

Enter the geometrical data required to calculate the tank and its characteristic.



[Identifier]

A maximum of 15 characters can be entered to describe the type of tank or the tank ID. The text appears in upper-case letters.

The tank ID runs across the display of the Media 6 device.

[Tank database]

⇒Load data

You can load and modify existing tank geometrical data from the database.

⇒Save data

Save newly entered or changed tank data to Media database.

[Tank type/shape]

Tank type · Drop-down list with four entries:

- Cylinder, upright
- Cylinder, horizontal
- Ball
- Characteristic mode

Define tank geometry by selecting the corresponding entry.

Shape of tank bottom · Drop-down list with five entries:

- Flat head
- Torispherical bottom
- Semi-ellipsoidal bottom
- Enter r and R
- Enter R (r = 0)

[Inside tank dimensions]

Existing data · Drop-down list with three entries

- Diameter and length/height
- Length/height and volume
- Diameter and volume

After entering the data, TROVIS-VIEW 4 automatically calculates the missing tank data and displays them.

Diameter [di] in m

Inside tank diameter

Length L/H [L] in m

Length or height of the tank, depending its position (horizontal/upright)

User interface

Static column [H] in m

Max. possible liquid column. This corresponds to the inside length (horizontal tank) or inside height (upright tank). The value is automatically calculated.

Total volume [V] in m³

Corresponds to the geometric tank volume (gross useable tank volume in m³). The value is automatically calculated, provided it has not been entered (existing data).

[Tank measuring line]

Length/height [Hs] in m

Length of measuring line or pipe socket below the tank. Input 0.000 to 5.000 m.

[Reference volume (MCN = max. capacity nominal, SCN = safe capacity nominal)]

The volume at 20 mA corresponds to the tank MCN or to the gauge pipe marker SCN.

Select from toggle field:

- Max. tank content (MCN)
- Tank content up to overflow/gauge pipe (SCN)

Permissible filling limit in %

Geometric volume up to the overflow in relation to the geometric tank capacity in percent; e.g. 95 %.

Permissible height [hperm] in m

Permissible height up to the gauge pipe or overflow.

Permissible volume [Vperm.] in m³

Permissible volume. Corresponds to 'Total volume x [Permissible filling limit/100'.

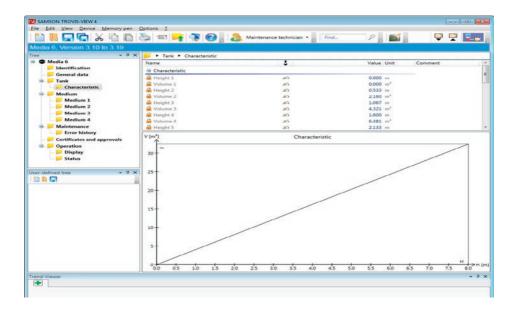


Note:

If one of the values for filling limit, height, or volume is changed, the other two values are automatically recalculated.

[Characteristic]

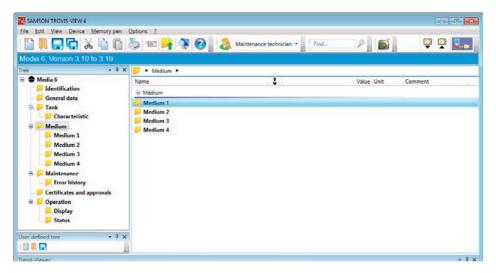
Indicates the tank characteristic, taking into account the tank geometry. The pairs of values consist of the tank volume V in m³ and the associated tank height H in mm.



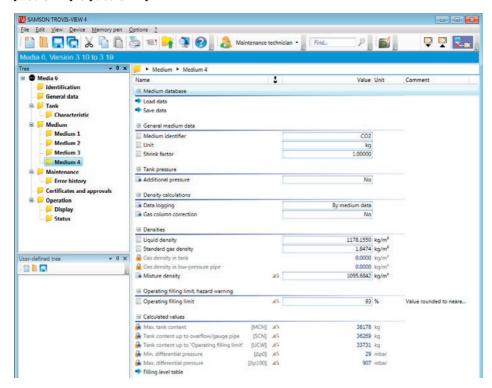
3.1.4 Medium

[Medium]

The data for a maximum of four media can be entered.



[Medium 1] to [Medium 4]



- Medium database
- General medium data
- Tank pressure
- Density calculations
- Densities
- Operating filling limit, hazard warning
- Calculated values

[Medium database]

⇒Load data

You can load and modify existing media data from the database.

User interface

⇒Save data

Save newly entered or changed tank data to Media database.

[General medium data]

- Medium identifier
- Unit
- Shrink factor

Medium identifier

A maximum of 8 characters can be entered to describe the tank content (stored medium). The text appears in upper-case letters on the display of the Media 6 device.

Unit · Drop-down list with six entries

- m³, %, kg, L, ft³, lbs

Shrink factor

Enter the shrink factor valid at the operating temperature of the tank. This value depends on the tank material, operating temperature, and the process medium.

[Tank pressure]

- Additional pressure
- Operating pressure
- Unit of 'Operating pressure'

Additional pressure · Yes/No

Select 'Yes' to show 'Operating pressure' under PTANK on the display of the Media 6 device.

Operating pressure in bar

Enter the actual absolute pressure applied to the tank (usually the air pressure).

Unit of 'Operating pressure' · Drop-down list with eight entries

- mbar, bar, kPa, psi, mm H_2O , cm H_2O , m H_2O , in H_2O

[Density calculations]

When 'By medium data' is selected

- Data logging
- Gas column correction

Data logging · By medium data/By preset pressure

Medium data

Enter the gas column correction as well as the liquid density and mixture density (see [Densities]).

Gas column correction · Yes/No

Yes · The gas column correction increases the accuracy of the filling level indication. It can only be performed if the gas density in the tank and in the low-pressure pipe are known. Therefore, enter the density after activating the gas column correction (see [Density]).

No · No values need to be entered in 'Gas density in the tank' and 'Gas density in the low-pressure pipe'.

When 'By preset pressure' is selected

- Min. differential pressure
- Max. differential pressure
- Final reference value

By preset pressure

The minimum and maximum differential pressure as well as final reference value must be entered

Minimum differential pressure in mbar

Pressure at 0 % reading (= 4 mA).

Maximum differential pressure in mbar

Pressure at 100 % reading (= 20 mA).

Final reference value in m³

Value displayed at 100 % tank content.

[Densities]

- Liquid density
- Standard gas density
- Gas density in tank
- Gas density in low-pressure pipe

Liquid density in m³

Density of medium at 1 bar (abs) and boiling temperature. To improve the accuracy of the indicated filling level, enter the liquid density at operating conditions. In this case, the operating pressure density must be entered and changed manually (see [Operating pressure]). This makes the filling level reading more precise.

Standard gas density in m³

Gas density at 1 bar (abs) and 15 °C. The current values for liquid density, gas density in the tank, and gas density in the low-pressure pipe are automatically converted and displayed.

Gas density in tank and Gas density in low-pressure pipe in m³

Details on gas column correction

Gas density in the tank depends on the nominal pressure and assumed temperature in the tank. Gas density in the low-pressure pipe depends on the nominal pressure and assumed temperature in the pipe.



Note:

The gas density in the tank and in the low-pressure pipe are required for gas column correction of the content reading. If no correction is required, set both densities to 0.

Mixture density in m³

Mixture density refers to the density when filling the tank. The operating filling limit is derived from this. It is automatically calculated on entering the liquid density.

[Operating filling limit, hazard warning]

Operating filling limit

Operating filling limit in %

A blinking bar graph element on the display indicates when the operating filling limit has been reached.

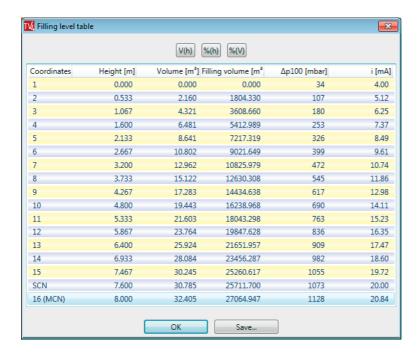
A marking can be fixed in the range between 0 % and 95 %. This is used to calculate the tank content.

The blinking bar graph element serves as guide for the operator filling the tank.

[Calculated values]

Reading of the previously entered value and the automatically calculated value. It cannot be edited and is only shown on the software.

- Max. tank content [MCN] · Entered in m³
- Tank content up to overflow/gauge pipe [SCN] · Entered in m³
- Tank content up to 'Operating filling limit' [UCW] · Entered in m³
- Minimum differential pressure [Δ p0] · Differential pressure in mbar at 0 % filling level
- Maximum differential pressure [Δp100] · Differential pressure in mbar at 100 % filling level
- ⇒ Filling level table · Displays a table with filling levels corresponding to the tank data and selected dimension.

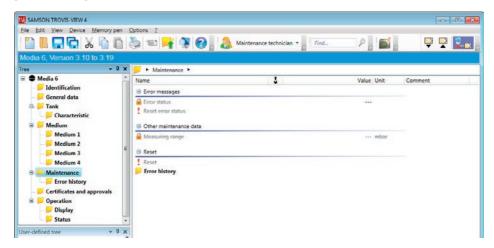


[Save ...]

The data can be saved to a file (.txt), e.g. filling level_01.txt, and processed on a computer using other standard software.

3.1.5 Maintenance

[Maintenance]



- Error messages
- Other maintenance data
- Reset
- Error history

[Error messages]

Information on error messages (e.g. error status, sum of error codes) are shown and can be reset.

[Other maintenance data]

Measuring range reading of the connected Media 6 device.

[Reset]

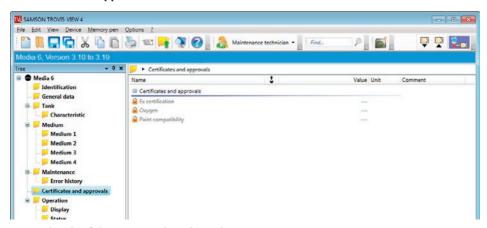
Restart the Media 6 device. This activates changed data.

[Error history]

The last 20 errors that have occurred are logged and listed here. See error code ▶ EB 9527-3. The last entry is N. Upon delivery, the value is 1.

3.1.6 Certificates and approvals

[Certificates and approvals]



Status details of the connected Media 6 device

Yes/No reading

- Ex certification
- Oxygen
- Compatibility with paint

Information on the connected Media 6 device concerning certificates and approvals.

Ex certification

Indicates whether the connected Media 6 device is approved for use in hazardous areas.

Oxygen

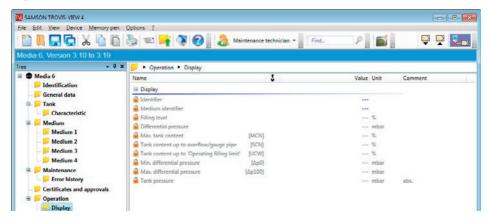
Indicates whether the connected Media 6 device is approved for oxygen service.

Compatibility with paint

Shows whether the connected Media 6 device is free of substances that impair paint adhesion (silicone free).

3.1.7 Operation

[Operation]



- Display
- Status

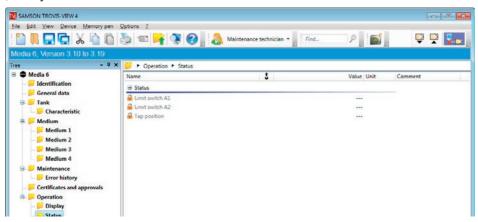
[Display]

Depending on the operating mode selected, a list of all readings appears.

- Identifier · Same as entered in [Tank] > [Identifier].
- Medium identifier · Same as entered in [General medium data] > [Medium identifier].
- Filling level · Current tank content in %
- Differential pressure · Current differential pressure in mbar
- Max. tank content · MCN in %
- Tank content up to overflow/gauge pipe \cdot SCN in %
- Tank content up to 'Operating filling limit' · UCW in %
- Min. differential pressure $\Delta p0$ · Differential pressure at 0 % filling level in mbar
- Max. differential pressure $\Delta p100 \cdot Differential$ pressure at 100 % filling level in mbar
- Tank pressure (absolute pressure) · Corresponds to the value entered for [Operating pressure] ([Operating pressure] is only visible if [Additional pressure] = 'Yes')

User interface

[Status]



Status details of the connected Media 6 device

- Limit switch A1 · State of limit switch A1 (On/Off)
- Limit switch A2 · State of limit switch A2 (On/Off)
- Tap position · State of equalizing valve between the (+) and (-) measuring lines. Only visible if the ['Equalizing valve open' signal] = 'Yes' (see section 3.1.2 on page 8).
- Battery voltage · Charging status reading of battery. Only visible when [Power-saving mode (PSM)] = 'On' (see section 3.1.2 on page 8).

3.2 Flow measurement, counting flow rate measurement, differential pressure measurement, level measurement in transportation vehicles

In the 'Specialist' user level, [Flow rate mode], [Counting flow rate mode], [Differential pressure mode], [Filling level in tank truck] can also be selected.



The user level is password-protected: 'samson' for first installation (TROVIS-VIEW 4 3.20 and higher), 'DURCHFLUSS' after update (TROVIS-VIEW 4 before 3.20)



More details in **EB 6661** for **TROVIS-VIEW 4 software.**

In the [Identification] folder, [Operating mode] is additionally listed with a drop-down list of the additional functions [Filling level mode], [Counting flow rate mode], [Differential pressure mode], [Filling level in tank truck].

3.2.1 Flow rate measurement

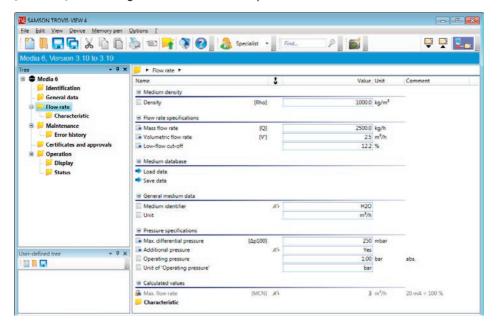
[Identification] > [Operating mode]

Select [Flow rate mode].

[Flow rate mode]

In the [Flow rate] folder, enter the data required for flow rate measurement.

[Flow rate] is visible together with its associated parameters:



[Medium density]

Density [Rho] in kg/m³

Enter the medium density for the operating conditions.

[Flow rate specifications]

Mass flow rate [Q] in kg/h or volumetric flow rate [V] in m³/h

Enter either the mass flow rate in kg/h or the volumetric flow rate in m³/h.

[Low-flow cut-off]

At low flow velocities, no reproducible measurements are possible in the lowest measuring range. As a result, low-flow cut-off is active in root-extracting flow mode. Low-flow cut-off acts on the current output and the display. Adjustable in 7 to 20 % range of Q = 100 %. The flow rate is not registered in the adjusted range as a result.

[Medium database]

- Load data
- Save data

[⇒Load data]

You can load and modify existing media data from the database.

[⇒Save data]

Save newly entered or changed data to the database.

[General medium data]

- Medium identifier
- Unit

Medium identifier

A maximum of 8 characters can be entered to describe the medium. The text appears in upper-case letters.

The medium identifier is shown on the display of the Media 6 device.

Unit · Drop-down list with ten entries

%/h, kg/h, m³/h, ft³/h, lbs/h, %/min, kg/min, m³/min, ft³/min, lbs/min

[Pressure specifications]

- Max. differential pressure
- Additional pressure

Max. differential pressure [Δp100] in mbar

Corresponds to differential pressure in mbar at 100 % flow rate.

Additional pressure · Yes/No

When 'Yes' is selected: enter the operating pressure and select the corresponding unit from the drop-down list.

mbar, bar, kPa, psi, mm/H₂O, cm/H₂O, m/H₂O, in/H₂O.

User interface

The pressure range can be selected within the specified limits. The selected operating pressure must match the entered density at operating conditions. The operating pressure is shown as 'PTANK' on the display of the Media 6 device.

The unit selected in this case relates to the previous 'Pressure' parameter. A drop-down list contains the units: mbar, bar, kPa, psi, mm/ H_2O , cm/ H_2O , m/ H_2O , in/ H_2O .

[Calculated values]

- Max. flow rate

Max. flow rate [MCN]

The specified value corresponds to the max. possible flow rate. Enter the same unit as in **Unit** (20 mA = 100 %).

[Characteristic]

Shows the flow characteristic, volume in m³ above the height in m.

3.2.2 Counting flow rate measurement

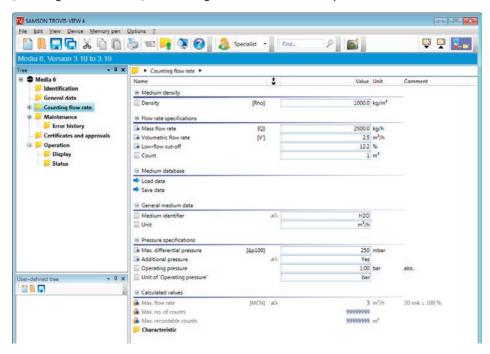
[Identification] > [Operating mode]

Select [Counting flow rate mode].

[Counting flow rate mode]

In the [Counting flow rate mode] folder, enter the required data.

[Counting flow rate mode] is visible together with its associated parameters:



Besides the parameters entered in [Flow rate], additional data in [Flow rate specifications] and [Calculated values] are required:

[Count]

Select and determine the value of a counting pulse. Enter the value in the range between 0.001 and 1000000.

One count correspond to one pulse of an external counter. Max. possible counting frequency: 120 pulses/minute or 7200 pulses/hour.

User interface

[Calculated values]

Max. flow rate

- Max. no. of counts

- Max. recordable counts

[Max. flow rate] [MCN] in m³/h

Reading of the maximum recordable flow rate (20 mA = 100 %).

[Max. no. of counts] Max. 99 999 999 reading

Maximum recordable number of counts. At 100 % flow rate and the adjusted count, the min. interval until counter overflow can be deduced.

[Max. recordable counts] Max. 99 999 999 reading

Corresponds to the maximum recordable volume, depending on the selected count.

Example: Quantity per count 10 m^3 , max. number of counts = $99 999 999 -> \text{Max. recordable counts} = <math>9 999 999 990 \text{ m}^3$

3.2.3 Differential pressure measurement

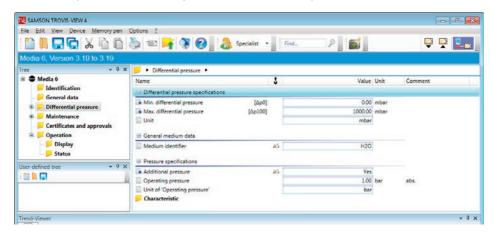
[Identification] > [Operating mode]

Select [Differential pressure mode].

[Differential pressure]

In the [Differential pressure] folder, enter the required data.

[Differential pressure] is visible together with its associated parameters:



[Differential pressure specifications]

- Min. differential pressure
- Max. differential pressure
- Unit

[Min. differential pressure] [Δ p0] in mbar

Pressure at 0 % reading (= 4 mA).

[Max. differential pressure] [Δ p100] in mbar

Pressure at 100 % reading (= 20 mA).

[Unit] · Drop-down list with eight entries

– mbar, bar, kPa, psi, mm H_2O , cm H_2O , m H_2O , in H_2O

[General medium data]

Medium identifier

Medium identifier

A maximum of 8 characters can be entered to describe the medium. The text appears in upper-case letters.

The medium identifier is shown on the display of the Media 6 device.

[Pressure specifications]

- Additional pressure

Additional pressure · Yes/No

When 'Yes' is selected: enter the operating pressure and select the corresponding unit from the drop-down list.

- mbar, bar, kPa, psi, mm/H₂O, cm/H₂O, m/H₂O, in/H₂O.

The selected operating pressure must match the entered density at operating conditions. The operating pressure is shown as 'PTANK' on the display of the Media 6 device.

[Characteristic]

Shows the differential pressure characteristic, volume in m³ above the height in m.

3.2.4 Level measurement in transportation vehicles

[Identification] > [Operating mode]

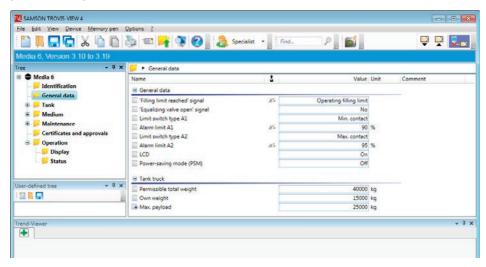
Select the function [Filling level in tank truck].

[Filling level in tank truck]

In the [Filling level in tank trunk] folder, enter the required data. See details in section 3.1 on page 7.

In addition to the details, weight details listed in [General data] are required.

[General data]



[Tank truck]

- Permissible total weight
- Own weight
- Max. payload

[Permissible total weight], [Own weight], and [Max. payload] in kg

Enter details written in truck papers.

Based on the permissible total weight and own weight, the maximum payload of the truck is automatically calculated.

3.3 Settings at the Media 6 device

3.3.1 Testing the limit switches and current output

Menu bar [Device]

Test functions

Test the functioning of the limit switches if they are connected with an isolating switch amplifier

The current output can be set to a defined test value. During the test, the display of the Media 6 device is switched off.

[Transmit]

The test is performed.

3.3.2 Zero and span calibration

Menu bar [Device]

[Calibration]

Zero and span calibration

[Run]

Zero and span are calibrated.



Note:

To be able to perform the calibration in the TROVIS-VIEW 4 software, refer to EB 9527-3 for the test setup of the Media 6 device and the enabling of the write and span protection.

3.3.3 Zero point setting through basic calibration

After changing the range springs or diaphragm, the Media 6 device must be recalibrated. In this case, an update of TROVIS-VIEW 4 with the "Z-Adj.tro" file is required.



Note:

Basic calibration must only be performed after consulting SAMSON since special knowledge is required in this case.

Menu bar [Device]

[User level]

Enter 'Basic calibration'. The user level is password-protected (GRUNDABGLEICH).

4 Data exchange

Detailed information can be found in ? (Help) on the toolbar in ► EB 9527-3 and ► FB 6661



Note:

The most recent product documentation is available on the SAMSON website www.samson.de

To establish communication, the serial interface of the computer or notebook must be connected to the serial interface port of the Media 6 device using the SAMSON connecting cable

TROVIS-VIEW 4 must be in the online mode. In this case, communication is established permanently between the Media 6 device and TROVIS-VIEW. All the configuration and operating data are transferred cyclically from the Media 6 device and displayed in TRO-

VIS-VIEW 4. Settings made in TROVIS-VIEW 4 are immediately transferred to the Media 6 device.

The SAMSON memory pen can also be used to exchange data between TROVIS-VIEW 4 and the Media 6 device.

Save data to the Media 6 device

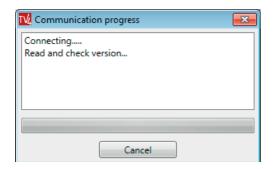
Click on on the toolbar: data is saved to the Media 6 device.

4.1 Read data from the Media 6 device to TROVIS VIEW 4

Menu bar [Device]

[Read]

All data of the connected Media 6 device are transferred to the software. This allows the data to be read or to create a new set of data.



To read the Media 6 device, click on \supseteq in the toolbar.

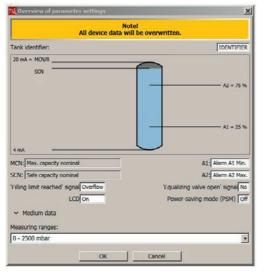
4.2 Write data from TROVIS VIEW 4 to the Media 6 device

Deactivate the write protection at the selector switch on the Media 6 device (front left on the housing). Set slider switch 4 to **OFF** (see write protection in **>** EB 9527-3).

Menu bar [Device]

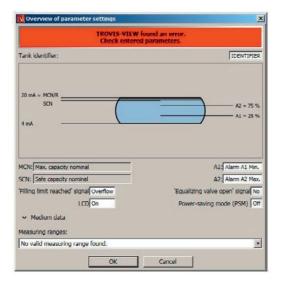
[Write]

To write data to the Media 6 device, click on \square in the menu bar.



All data are displayed in graphs for checking purposes.

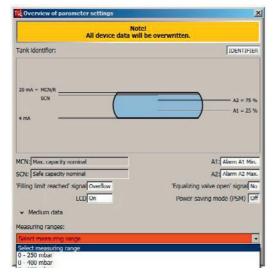
All current data in TROVIS-VIEW 4 are written to the RAM in the Media 6 device.



'No valid measuring range found' is displayed when entered data does not match the available measuring range of the connected Media 6 device.

Recheck entered data and change accordingly. Alternatively, connect a Media 6 device with the matching measuring range. The maximum span adjustment is 1:5.

The SAMSON memory pen can also be used to exchange data between TROVIS-VIEW 4 and the Media 6 device. The memory pen serves as a data carrier and is able to load and store data from the Media 6 device or TROVIS-VIEW 4 in its non-volatile memory.



Before data transmission, the notification message concerning the matching measuring range appears.

When the measuring range does not match, the error code 8 appears in [Maintenance] ('ERROR 8' appears in the display of the Media 6 device) after data transmission.