Measurement series

How to create measurement series in CMe3100

MEASUREMENT SERIES

The function measurement series allows you to get a clear overview of, for example, the average temperature in a facility.

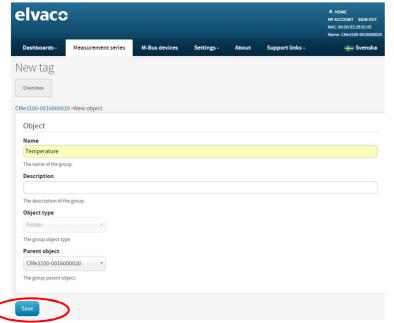
CREATE A MEASUREMENT SERIES

Log in to the internal web interface of CMe3100 by typing the product's ip-address in the address field of a browser.

In the main menu, go to the tab **Measurement series** Create a new folder by clicking **New folder**

elvaco			HOME MY ACCOUNT SIGN OUT MAC: 00:D0:93:28:91:0E Name: CMe3100-0016000020
Dashboards Measurement series	devices Settings Abou	ut Support links -	🕂 Svenska
Measurement series			
Measurement series Object types Templates	API Identification Modbus Map		
New measurement server New Folder CMe3100-0016000020 Hierarchical view Flat view	- Choose an operation -	Execute Search*	2 0
Showing 1 to 1 of 1 entries		First	
Name* All devices	Information Source*	Updated	Options
Showing 1 to 1 of 1 entries		First Previo	

Type in a name for the folder, in this case "Temperature". Then click Save





Click edit (the pencil symbol) on the Temperature folder

elvaco)						A HOME MY ACCOUNT SIGN OUT MAC: 00:D0:93:2B:91:0E Name: CMe3100-0016000020
Dashboards -	Measurement series	M-Bus d	evices S	ettings -	About	Support links -	∔ Svenska
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Name*		*	Information	Se	ource*	Updated	Options
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Showing 1 to 2 of	2 entries					First Prev	ous 1 Next Last

Click on Measurement series members

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Dashboards -	Measurement series	M-Bus devices	Settings -	About	Support links -	🕂 Svenska
Tag: Temp	erature					
Overview	asurement serie members					
CMe3100-001600002	0 >Temperature					
Object						
Name						
Temperature						
The name of the gro	up.					
The description of th Object type Folder	he group.					
The group object typ	pe.					
CMe3100-00160 The group parent of						



Select the desired temperature meters by checking the box for each meter. A tip is to search for "temperature" in the search box to filter all meters.

elv	aco					HOME MY ACCOUNT SIGN OUT MAC: 00:D0:93:28:91:0E Name: CMe3100-0016000020
Dashbo	oards - Measurement seri	es M-Bus devices	Settings -	About	Support links -	∔ Svenska
ag: T	emperature					
Overviev	W Measurement serie member	rs				
4e3100-0	0016000020 >Temperature					
- Choo	ose an operation - • Exe	ecute Filter:	Display all		• Temper	Po
Measu	urement series					
Showin	ng 1 to 10 of 26 entries				First Previous 1	2 3 Next Last
	Name* 🔺	Source*	Descriptio	n*	Member	Options
R	Return temperature	M-Bus: 22787367	Heat, Retu 22787367	rn tempe	rature -	÷ /
Ο	Femperature	M-Bus: 61000134	Room sens 61000134	sor, Temp	erature -	÷۷
\odot	Femperature	M-Bus: 61000200	Room sens 61000200	sor, Temp	erature -	÷ /
Ō	Femperature	M-Bus: 61000359	Room sens 61000359	sor, Temp	erature ·	¥7.
. 1	Femperature	M-Bus: 61000361	Room sens 61000361	sor, Temp	erature -	¥7.
. 1	femperature	M-Bus: 61000423	Room sens 61000423	sor, Temp	erature -	87
. т	Femperature	M-Bus: 61001027	Room sens	sor, Temp	erature -	÷/

Click on Choose an operation and Tag selected, and then click Execute The "member button" for your selected meters will now turn green Go back to the overview and click Save

elv	vaco					HOME MY ACCOUNT SIGN OUT MAC: 00:D0:93:2B:91:0E Name: CMe3100-0016000020
Dash	iboards -	Measurement series	M-Bus devices	Settings - About S	Support links -	🕂 Svenska
ag:	Tempe	erature				
Overv		surement serie members 0 >Temperature				
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	lete all record port table as C	A	Source*	Description*	Member	Options
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Unt	tag all		M-Bus: 61000200	Room sensor, Temperat 61000200	ture -	K =/
	Temperatur	re	M-Bus: 61000359	Room sensor, Temperat 61000359	ture -	1×
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۲	Temperatur	re	M-Bus: 61000423	Room sensor, Temperat 61000423	ture -	÷ /
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٠	Temperatur	re	M-Bus: 61001060	Room sensor, Temperat 61001060	ture · 🔊	÷ /



Click on New measurement series

elvaco						HOME MY ACCOUNT SIGN OUT MAC: 00:D0:93:28:91:0E Name: CMe3100-00160000
Dashboards -	Measurement series	M-Bus d	evices Setti	ngs- About	Support links -	🕂 Svenska
leasureme	ent se <mark>ri</mark> es					
Measurement series	Object types	Templates	API Identification	Modbus Map		
🔚 List 🗾	Report I Flat vi	rchical view iew	- Choose an op	eration -	Execute Search *	0
Showing 1 to 2 of 2	2 entries				First Prev	
Name*		*	Information	Source*	First Previ	Options
			Information Folder	Source*		
Name*	ices			Source*		Options

Name – your name for the measurement series Description – description for your measurement series API Identification – this has to be a unique name Device type – in this example, room sensor

Unit type – the unit type of the measurement series

Unit – end value, in this case °C

Priority - the priority of the measurement series which will be created or updated from this template

elvaco	•					R HOME MY ACCOUNT SIGN OUT MAC: 00:D0:93:2B:91:0E Name: CMe3100-0016000020
Dashboards -	Measurement series	M-Bus devices	Settings -	About	Support links -	🗕 Svenska
New meas	urement serie					
Settings						
CMe3100-00160000	20 >New measurement seri	e				
Name						
Average Tempe	rature					
The name of the me	easurement serie.					
Description						
Average Tempe	rature of floor 2					
The description of t	the measurement serie.					
API Identificatio	on					
avg.temp.func						
The API identification	on which is used by other clients	to get access to this me	asurement serie.			
Device type						
Room sensor	*					
The type of the mea	asurement serie.					
Unit Type						
Temperature	*					
The unit type of the	e measurement serie.					
Unit						
°C	*					
The unit string.						
Priority						
1						



Source – the source from where the measurement series will update its data, choose Measurement series function

Constant - if you want to multiple your source with any value

Format - how you want the format of the measurement string

Function - the function that will be used for the calculation

Select tags – source with containing measurement series, here a folder name is typed for example **Select measurement series** – if you have two meters and know secondary address and haven't created a folder

Use upper limit – if a maximum value shall be used, everything above will be counted as not valid **Use lower limit** – if a lower value shall be used, everything below will be counted as not valid

Minimum valid measurement series – the percentage of required valid measurement series that has to be reached in order for the calculation to be valid

Select if a minimum allowed value shall be used, everything below will be counted as not valid.	Courses			
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Minimum valid measurement series				
Minimum valid measurement series				
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Update interval – how often the measurement series will update. Our recommendation is to set the interval for the first time to every minute to confirm that Measurement series work properly and then go back and adjust the update interval.

Storage interval - how often the measurement series will be stored in database for graph use.

Expiry time – if data cannot be updated from source within this time, the measurement series value will be marked as old/not available.

Display error value – display a custom numeric value if there is a problem with the value.

Click Save

Update interval	
Every 15 minutes	*
The update schedule for th	e measurement serie.
Storage interval	
Every 30 minutes	T
The storage schedule for th	e measurement serie.
Expiry time	
0	
If data cannot be updated f	rom source within this time, the measurement serie value will be marked as old/not available.
Display error value	
Display a custom numeric v	value if there is a problem with the value.

Click Refresh after a minute and if everything is correct, Temperature will be shown in the information field

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Dashboards -	Measurement series	M-Bus devices	Settings -	About	Support links -	∔ Svenska
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List Showing 1 to 3	of 3 entries	• Cho	oose an operation	Source*	Execute Search *	us 1 Next Last
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🔲 🚞 Tem	perature	Folder				ē /
Aver	age Temperature	22,318	°C I	neasuremen	tseriefunc2015-06-15 14:45	:00 🝵 🖍
Showing 1 to 3	of 3 entries				First Previo	us 1 Next Last

