

RF impeller heat/cooling energy meter set

WFx6..



Electronic, mains-independent impeller type meters to acquire heat or cooling energy consumption in autonomous heating, cooling or solar plants.

- Nominal flow 0.6 m³/h, 1.5 m³/h or 2.5 m³/h
- Parallel transmission of AMR and walk-by telegrams
- Communication in S-mode or C-mode
- OMS compliant AMR telegrams in C-mode
- No upstream or downstream setting paths required
- Can be installed horizontally or vertically
- Setting of device-specific parameters on the meter itself in the field via buttons or operating and parameter setting software ACT50
- Optical interface
- Self diagnostics

Features

The impeller type heat and cooling energy meter sets consist of a non-communicative meter and a preinstalled RF communication module.

For detailed information on the meters and the communication modules, refer to Data Sheet N5323.

The document can be downloaded at <http://siemens.com/bt/download>.

Type summary

Features of the impeller type meters listed below:

Meter mounting location	In return
Design type	Removable processor
Nominal pressure	PN 16
Sensor mounting	Return temperature sensor, integrated in the flow measuring section
Type of sensing element	Pt1000, Ø 5.0 mm, length 45 mm
Sensor cable length	1.5 m
Threshold value for:	
• Acquisition of heating	1.0 K
• Acquisition of cooling energy	0.2 K
Due day	31.12 (December 31)
Display	kWh

RF heat meter

Options	Order number	Type
0.6 m ³ /h, mounting length 110 mm, connecting thread G ¾"	S55561-F260	WFM681-G000H0
1.5 m ³ /h, mounting length 110 mm, connecting thread G ¾"	S55561-F261	WFM682-G000H0
2.5 m ³ /h, mounting length 130 mm, connecting thread G 1"	S55561-F262	WFM683-L000H0

RF heating/cooling energy meter

Options	Order number	Type
0.6 m ³ /h, mounting length 110 mm, connecting thread G ¾"	S55561-F263	WFN681-G000H0
1.5 m ³ /h, mounting length 110 mm, connecting thread G ¾"	S55561-F264	WFN682-G000H0
2.5 m ³ /h, mounting length 130 mm, connecting thread G 1"	S55561-F265	WFN683-L000H0

Ordering

When ordering, please specify the quantity, designation, product number, and order number.

Type	Order number	Designation
WFx6..	See Type summary	RF impeller heat and heat/cooling energy meter

Scope of delivery

The meters come complete with operating and installation instructions in different languages as well as all required mounting materials (gaskets, seals, etc.).

Languages

Operating instructions are included in the following languages:

Bulgarian, German, English, Finnish, French, Greek, Italian, Croatian, Lithuanian, Dutch, Norwegian, Polish, Rumanian, Slovakian, Slovenian, Spanish, Czech, Turkish, and Hungarian.

Notes

Maintenance

The actuators are maintenance-free. Comply with all national calibration regulations.

Disposal



The device is considered an electronic device for disposal in accordance with the European Guidelines and may not be disposed of as domestic garbage.

- Dispose of the device through channels provided for this purpose.
- Comply with all local and currently applicable laws and regulations.
- Dispose of empty batteries in designated collection points.

Warranty

Technical data on specific applications are valid only together with Siemens products listed in this data sheet. Siemens rejects any and all warranties in the event that third-party products are used.

Technical data

Weight	
0.6 m ³ /h	0.944 kg
1.5 m ³ /h	0.944 kg
2.5 m ³ /h	1.169 kg

Standards, directives and approvals	
EU conformity (CE)	CE2T5323xx *)

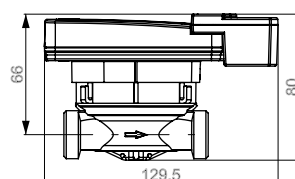
*) Documents can be downloaded at <http://siemens.com/bt/download>.

Dimensions

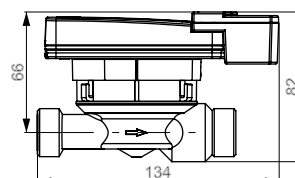
Screwed type meter

Dimensions in mm

Mounting length 80 mm



Mounting length 110 mm



Mounting length 130 mm

