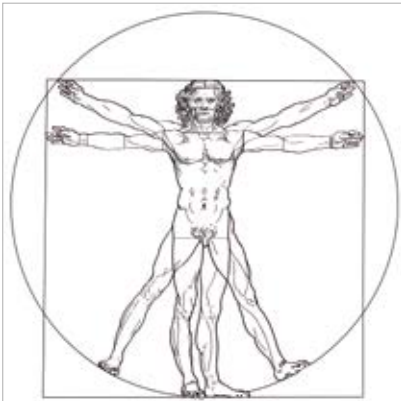


The Residential All-Rounder

MULTICAL® 302 from Kamstrup – one shape fits all!
Experience the new heat and cooling meter.



Shape up for the future with **MULTICAL® 302**

The new MULTICAL® 302

Anything but square

Perfect geometry – perfect for every use

The design of the MULTICAL® 302 is based on the perfect geometry of the circle. The simple, but ingenious shape of the meter provides valuable benefits in the installation phase as well as when reading the meter. Its shape, its performance and its ease of use make the MULTICAL® 302 a truly unique all-rounder!



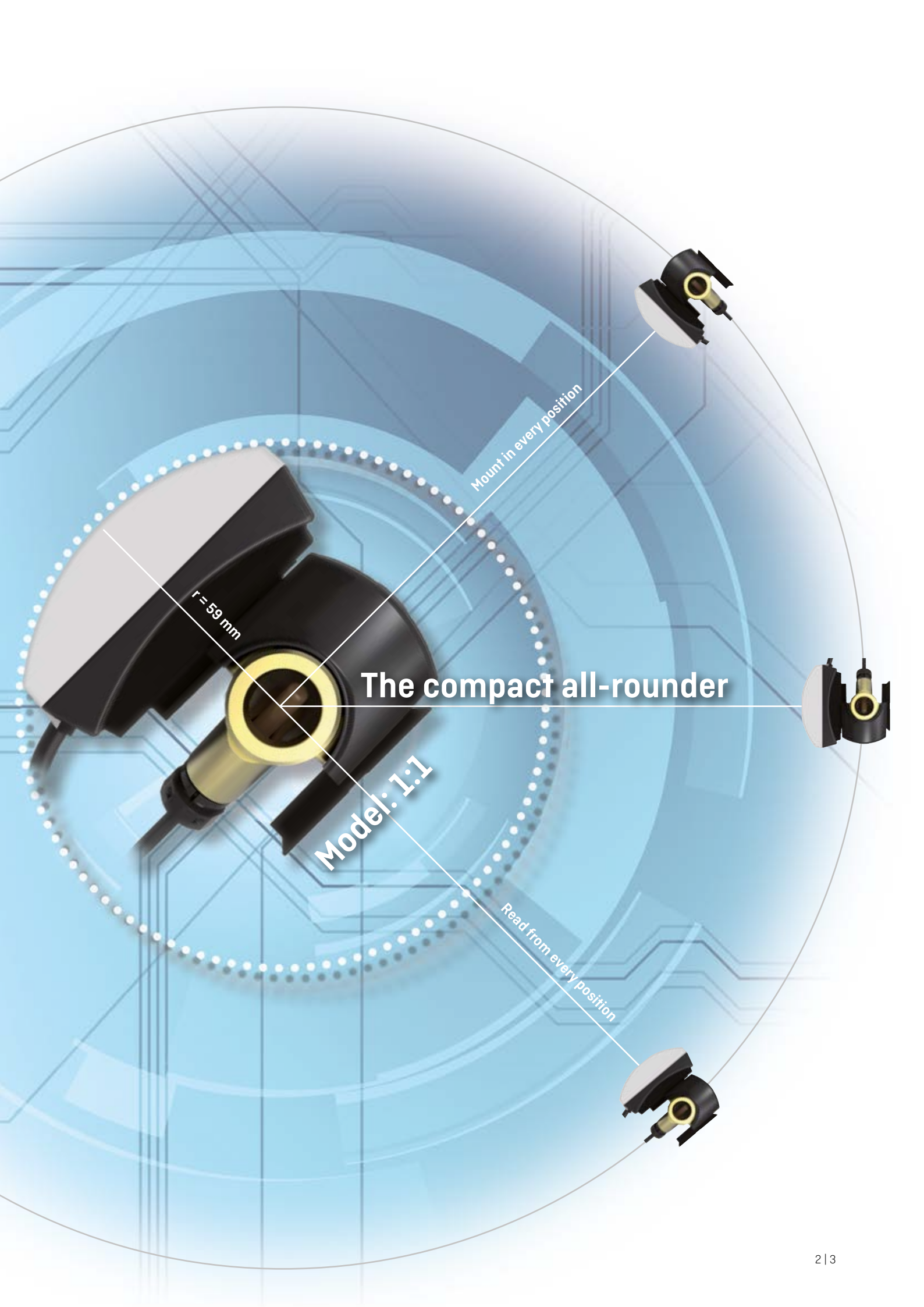
Model: 1:1

Big technology in a compact package

With only a 59 mm radius and a depth of 83 mm, MULTICAL® 302 is big technology in a compact package. The meter can be mounted in small spaces, whether on the ceiling, just above the ground or in narrow shafts. A perfect installation angle is achieved in every instance, which ensures a simple and easy reading of the display.

Flexibility comes full circle

The MULTICAL® 302 can be configured and programmed on-site during installation. Only a few menu steps are required to set up the meter. Its simplicity of use and the broad measuring range make MULTICAL® 302 a one-of-a-kind flexible solution for anyone working in the housing industry.



r = 59 mm

Model: 1:1

The compact all-rounder

Mount in every position

Read from every position

An all-rounder with specialized capabilities

One solution for the housing industry

Whether used in planning, in installations, for administrative purposes or by measurement services, MULTICAL® 302 is the only heat and cooling meter you will need.

MULTICAL® 302 covers practically any application with its wide temperature range from 2 °C...150 °C, its total dynamic range up to 1:1600 from start to saturation, impressive 1:250 (qi:qp) and its pressure stage classification of PN16 and PN25.



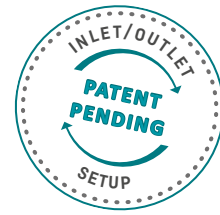
Versatile in any position

The meter's design features ensure the most efficient operational use of any heat and cooling meter. Whether mounted horizontally, vertically or on walls, MULTICAL® 302 can be adjusted to perfectly fit its surroundings. Its high protection class IP68 flow sensor makes MULTICAL® 302 the leading and best performing cooling meter in its class.

Unrivelled eco-friendliness

MULTICAL® 302 is powered by Li-SOCI2 batteries with 6-8 or 12-16 years service life. You will save resources as battery change is not mandatory during each calibration phase. The batteries' low lithium levels exempt the meter from being subject to regulations regarding transportation of hazardous materials. All MULTICAL® 302 components are furthermore designed with re-use and re-cycling in mind.

Intuitive configuration with a single touch



1-USER

2-TECH

3-SETUP

4-TEST

One-button operation for a job well done

Operating the MULTICAL® 302 is intuitive and easy. One button is all you need to quickly configure the system, whether as a user, for maintenance, as installer or for system tests. Simply set up all parameters required for safe operation in menu 3 – setup. The ability to handle inlet and outlet installation of the flow sensor, the flexible measuring unit and the remote reading possibility reveal the true flexibility of the MULTICAL® 302.

3-SETUP

OUTLET

INLET

E I
00 14258
kWh

rF On

EndSETUP

OK



M-Bus ready

Wired or wireless M-Bus is integrated in the meter for reliable remote data-reading. With the easy-to-use USB Meter Reader Program reading the meter is easy whether done centrally or on the go.

Secondary addressing and automatic baud rate specifications are also supported by the meter.

The wireless communication enables drive-by and network reading according to EN 13757 and OMS. Data transfer takes place with individual data encryption.

Via the optical interface, data can be restored 15 years back in time due to the meter's extensive memory capacity.



No one offers more...

Designed to meet your every need

MULTICAL® 302 – No one offers planners more:

- Extremely wide measuring range
- Versatile field of application
- Unique in its class: PN16 and PN25 classification
- Clever design – easy to install and read



MULTICAL® 302 No one offers installers more:

- Simple and safe installation, even in narrow spaces
- On-site configuration of all important parameters
- One device for every need = reduced inventory
- Sturdy metal flow sensor for high temperatures



MULTICAL® 302 No one offers managers and owners more:

- Excellent value for money
- Highly accurate billing
- M-Bus-ready – integrated for remote reading
- Quality that pays back



MULTICAL® 302 No one offers customer services more:

- Large display for easy reading at any angle
- M-Bus connection, wireless, USB or on tablet PC
- Large data storage for optimum data security
- Easy installation through smart and compact design



Planning made perfect

"MULTICAL® 302 has quite simply made planning the design of technical building systems far more effortless. The large range of applications and installation possibilities help us seek out a suitable location in less time. The unit can be used practically everywhere due to its high pressure stage (PN25) and is safe to use even in high-rise buildings. Thanks to the smooth planning, I have barely had any questions at all during the execution phase."

Team Leader Technical Building

Installation made simple

"The MULTICAL® 302 is a true all-rounder. It is so compact that it can easily be installed in the smallest areas, but the real win is the easy programming. All the important parameters are set according to the exact requirements on-site. This saves time and reduces our stock."

HVAC Manager

A decision made easy

"Trouble with heating bills? No longer with us. The calculations are done exact and transparent for all parties.

MULTICAL® 302 is so versatile and precise that we have decided to use this meter exclusively in our buildings. We and our tenants are genuinely impressed!"

Landlord

Billing made brilliant

"The new energy meter MULTICAL® 302 from Kamstrup covers all of our requirements. Our field staff are happy, because the device can be mounted anywhere with ease. Its high measuring precision, its large data capacity and the reading options, even as tablet PC, are unique and safe. Thus, establishing the heat cost is made easy, the billing process becomes transparent and satisfactory for every part."

Customer services



Kamstrup – thinking ahead on your behalf

Kamstrup was founded in 1946 on a notion that still runs in our company today. There is always a better solution! This embodies our motivation to stay at the very forefront of innovation, and this has made us a world-leading manufacturer of system solutions for energy and water metering.

Through the expertise of our highly skilled employees, our state-of-the-art production facility and our valuable experience, we offer top-class partnerships with our customers and solutions based on credibility, responsibility and quality.

In daily operations, we support our customers not only through continuous product development but also through the highest possible level of service from our sales offices and authorized dealerships in more than 60 countries worldwide.

This allows us to genuinely think ahead on your behalf.

Dedicated to innovate the housing industry



58112403_E1_CB_02.2016



Think forward

Kamstrup A/S

Industrivej 28, Stilling
DK-8660 Skanderborg
T: +45 89 93 10 00
F: +45 89 93 10 01
info@kamstrup.com
kamstrup.com