meister®
MEMBER OF THE MEISTER-GROUP

GET INTO ®
THE FLOW

PRODUCT-OVERVIEW

Updated Edition 2026 | 2027



MASTERPIECES
MADE IN GERMANY

www.meister-flow.com

CONTENT

On the following pages, you will gain insight into our approach to flow measurement: practical, solution-oriented, and focused on what truly matters in real-world operation.

Welcome from Management 4
Get into the flow –
Meister Strömungstechnik®

FlowProfi® 6
The online tool for
fast product selection

Checklist 7
What to prepare in advance

Product Pages

Flow meters and indicators 8
for water and other liquids

Flow meters and indicators 21
for oils and other high-viscosity media

Flow meters and indicators 24
for air and other gases

Flow limiters 29
for water

Mechanical accessories 29

Electronic accessories 29

Icon legend 34

Notes 35

Applications 36
Practical application examples

Meister Group – The strength of a network 38
Overview of the Meister Group

Our partners 39
Certified, international, and customer-focused

RESPONSIBILITY, CARRIED FORWARD. RETHINKING TECHNOLOGY.



Running a company means taking responsibility – for what has been built, for the people who contribute to it, and for the customers who rely on what we deliver every day.

OUR ORIGIN OUR BENCHMARK

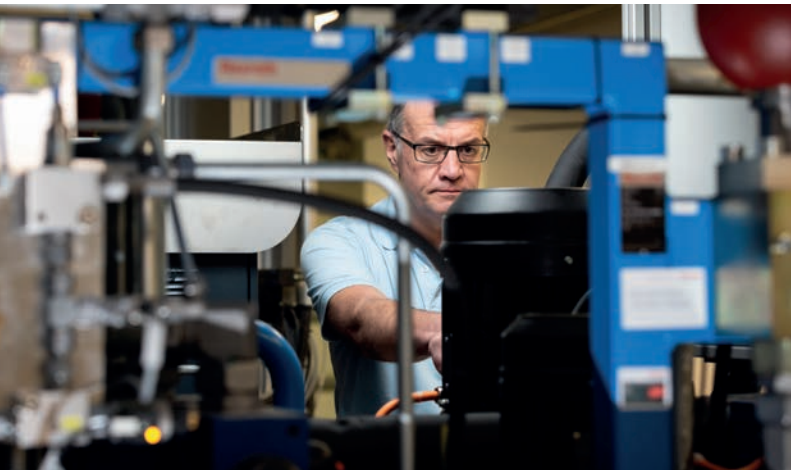
More than 40 years ago, our father, Hugo Mill, founded Meister Strömungstechnik® with a clear conviction: flow measurement technology must be reliable, easy to understand, and built to last. This belief still defines our company today. It is the benchmark by which we make decisions – both technical and entrepreneurial.

As a second-generation family business, we continue to carry this mindset forward. We know where we come from, and we know why our customers trust us. We listen, ask questions, and think along with them – developing well-considered solutions that support processes without drawing attention to themselves. Unobtrusive, precise, and reliable. True to our guiding principle: “Install it, measure it, forget it.”

WHERE THEORY MEETS PRACTICE

Another element we are particularly proud of is our state-of-the-art Technology Center. It is where ideas and theory are turned into practice. Here, we test our measurement technology under conditions that reflect real-world operation, so we know how a product performs when it really matters.

This creates confidence – for us and for our customers.That’s why test certificates, international approvals, and special versions for specific applications are simply part of what we offer.





INTERNATIONALLY CONNECTED. PERSONALLY COMMITTED

Today, Meister Strömungstechnik® operates at international scale. Our measurement technology is used worldwide, supported by a close network of specialized business partners and our subsidiary, Meister Asia Pacific (MAP), in Kuala Lumpur, Malaysia. These are people who understand their markets, know the applications, and live our philosophy locally. For us, this collaboration is not just a sales model – it is a core part of how we work.

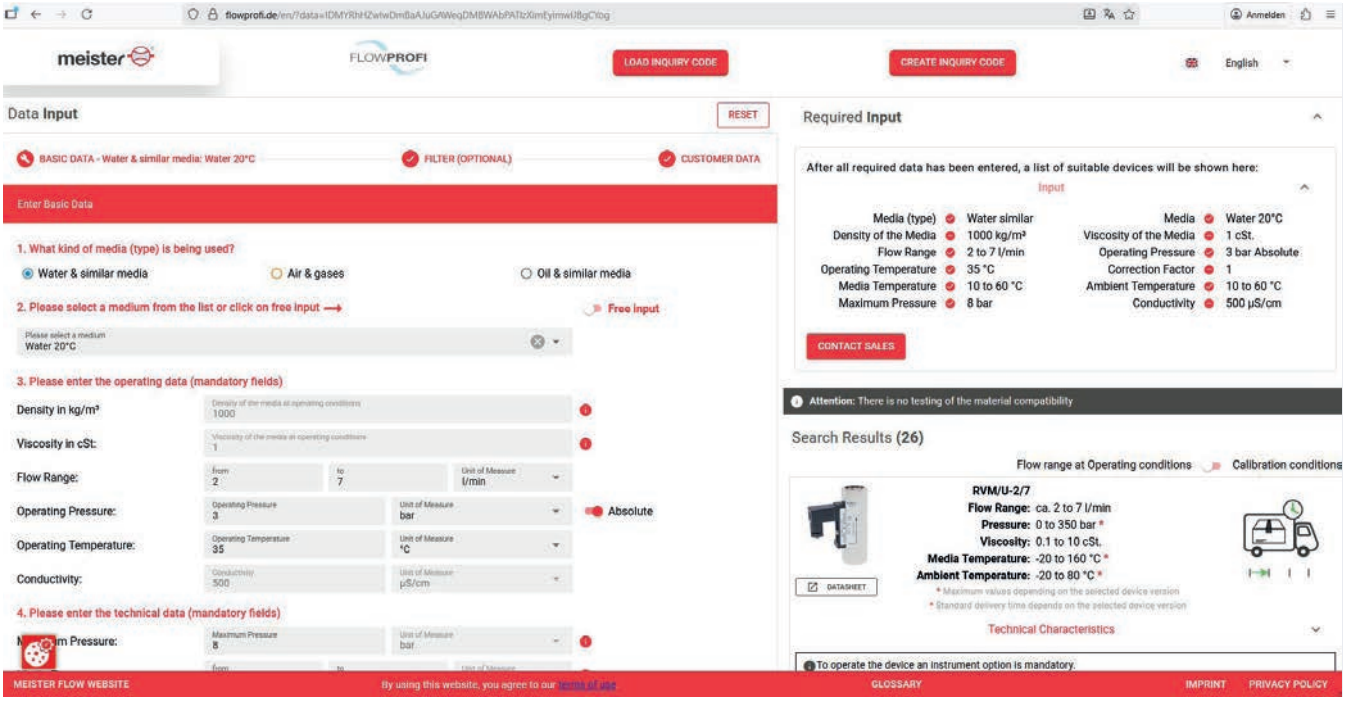
STANDING STILL IS NOT AN OPTION

We continue to evolve – as a company, as individuals, and with our products. Not to become bigger, but to become better. So, we can deliver the right solution, even when requirements grow or change. From proven standard measurement technology to customized solutions for industrial flow measurement. Step by step, with care and foresight.

Sebastian Mill & Simon Mill
Managing Directors
Meister Strömungstechnik GmbH

FLOWPROFI

THE SMART WAY TO THE RIGHT SOLUTION



In many applications, the right measurement solution determines how reliably a process runs. That's exactly why we developed FlowProfi – a tool designed to make product selection as easy as possible: intuitive, clear, and available anytime.

THE RIGHT PRODUCT IN 4 STEPS

1. Select the type of medium
2. Choose the medium or enter it manually
3. Enter your operating data (e.g., flow rate, pressure, temperature)
4. Define maximum pressure and temperature

In the next step, you'll immediately receive suitable product recommendations.

If needed, you can further refine the results by:
- Technical specifications
- Available options (e.g., IO-Link, counter function)
- Materials and approvals

You can then request a quote directly or forward the inquiry code for further processing.

YOUR BENEFITS AT A GLANCE

- Fast product selection without time-consuming searches
- Individually calculated scales based on your operating data
- Smooth transition from selection to ordering
- Available in multiple languages: German, English, and Chinese

FlowProfi – smart product selection for your application.

GET STARTED

Try FlowProfi right away or watch our short animation to see how it guides you to the ideal solution in just a few clicks.

Scan the QR code and test FlowProfi.

Watch our video here.

DON'T SEARCH – FIND!

OUR EXPERTISE FOR YOUR APPLICATION

Are you missing the ideal solution for reliable flow monitoring in your water, hydraulic, or pneumatic system? On the following pages, you'll quickly and easily find the right component for your application.

Select your flow meter according to measuring range, temperature, pressure, medium, device type – or based on a specific technical detail.

PERSONALISED TECHNICAL ADVICE

To help you choose the right product, you can use our FlowProfi online tool. Of course, we are also happy to support you personally with individual, technical advice or to prepare a customized quotation.

To provide you with the best possible support, it is helpful if you briefly describe the type of application you are working with. This allows us to directly apply our many years of application and hands-on experience.

For an optimal evaluation of your application, we also require some basic information. You can find an overview of the required details in the table below.

By the way: You are welcome to contact us even if not all application details are available yet. We will be happy to advise you in any case!

PRODUCT SELECTION CHECKLIST

MEDIA	e.g., water / oil / air / special medium
MEASURING RANGE	minimum and maximum flow rate
SWITCHING POINT	shut-off or turn-on point
OPERATING PRESSURE	normal operating pressure
MAX. OPERATING PRESSURE	peak pressure
MEDIUM TEMPERATURE	standard operating temperature
OPERATING TEMPERATURE	maximum operating temperature
AMBIENT TEMPERATURE	maximum ambient temperature
VISCOSITY	in cSt or cP
CONNECTION SIZE	e.g., G 1/2 or DN 15 or …
ELECTRICAL CONNECTION	normally open, changeover, analog, pulse or frequency output
WETTED MATERIALS	brass, stainless steel, or other materials
SEALS	FKM or NBR
CERTIFICATIONS	e.g., ATEX, UL, etc.

FLOWMETERS AND INDICATORS FOR WATER AND OTHER LIQUIDS

H2O SPEC

TYPE SERIES	MEASURING RANGE (L/MIN)	PRESSURE MAX. (BAR)		TEMPERATURE (°C)		PAGE
	1 10 100 1000	from	to	min.	max.	
FSQ/S1	0,5 – 80		25	-20	100	10
DMIK	0,0083 – 250		16	-20	90	10
DWG	0,1 – 50		10	-20	100	11
DUG	0,2 – 250		10	-20	100	11
RVO/U-1	8 – 150		10	-20	100	12
RVO/U-2	0,2 – 28		16	-20	100	12
RVO/U-4	0,005 – 5		16	-20	100	12
2000	0,001 – 17		15	-20	80	15
6000	0,04 – 833	5	15	-20	80	15
DWM	0,1 – 50	100	300	-20	100	11
DWM/A	0,1 – 50	100	300	-20	100	11
DUM	0,2 – 250	100	300	-20	100	11
DUM/A	0,2 – 250	100	300	-20	100	11
M-21	0,007 – 17	16	40	-80	200	16
WBMC	80 – 260		180	-20	100	14
RVM/U-1	10 – 150	100	300	-20	100	13
RVM/U-2	0,02 – 30	100*	350	-20	100	13
RVM/U-4	0,005 – 5	160	350	-20	100	13
RVM/UA-1	10 – 150	100	300	-20	100	13
RVM/UA-2	0,02 – 30	160	350	-20	100	13
RVM/U-S4	0,005 – 5		16	-20	100	13
RVM/UM**	0,7 – 20	100	300	-20	120	14
RMU-A	2,5 – 15,5		100	-20	100	14
RMU-B	0,4 – 15,5		100	-20	100	14
SC-250	0,04 – 3.000	10	40	-50	300	16
SC-250 H & V	0,167 – 1.000	10	40	-50	300	16

*160 bar upon request
** maximum flow 120 l/min

FLOWMETERS AND INDICATORS FOR WATER AND OTHER LIQUIDS

H2O SPEC

TYPE SERIES	MEASURING RANGE (L/MIN)	PRESSURE MAX. (BAR)		TEMPERATURE (°C)		PAGE
	1 10 100 1000	from	to	min.	max.	
WY	2,5 – 100		10	-20	100	12
KM-165 - 200	0,025 – 16,7		10*	0	60	15
KM-335 - 350	0,83 – 1.000		10*	0	60	15
DHSF-2	0,025 – 1,67	6	10	0	80	18
DHGF-2	0,025 – 1,67		10	0	80	18
DHGA-2	0,025 – 1,67		10	0	60	19
DHSF-4	0,1 – 4,17	6	10	0	80	18
DHGF-4	0,1 – 4,17		10	0	80	18
DHGA-4	0,1 – 4,17		10	0	60	19
DHGF-10	0,8 – 16,7		6	0	80	19
DHGA-10	0,8 – 16,7		6	0	60	19
DHTF-1	17,67 – 1.178		10	0	80	19
FAA	1 – 60	5	10	0	90	18
FRA	0,7 – 100		16	0	100	18
TDH-15 / PPO	2 – 40		10	0	85	20
TDH-25 / PP	4 – 160	2	10	0	80	20
TDH-25 / MS	4 – 160		10	0	85	20
TDH-40 / MS	7 – 417		10	0	85	20
SPM	2,3 – 2.762	11	30	-40	120	17
SPKM	4 – 93		25	-20	110	17
SPKR	3,5 – 69		25	-20	110	17
DP-65	13,3 – 13.333	16	40	-20	300	17

* at max. 20 °C

ELECTRONIC MEASURING PRINCIPLES FOR MAXIMUM PROCESS RELIABILITY

Our flow monitors combine the latest electronic measuring technologies for maximum process reliability and precision.

Whether magnetic-inductive or ultrasonic – both technologies measure without contact, wear, or moving parts, delivering outstanding accuracy.

They respond rapidly to flow changes, operate reliably under varying process conditions, and offer long-term stability with minimal maintenance. This makes them a robust, low-maintenance solution for demanding applications and a wide range of media – ensuring safe, efficient, and future-proof flow monitoring.

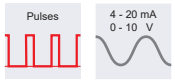
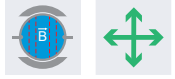
Ultrasonic

The FSQ/S1 uses two opposing ultrasonic transducers that send acoustic pulses with and against the flow direction. From the resulting transit-time difference, the device calculates the flow velocity – without any moving parts or wear. Since the measurement is taken parallel to the flow, the pipe cross-section remains unobstructed, and high flow velocities are precisely detected. The result is a wide measuring range with minimal pressure drop.

Magnetic-inductive

The installation-independent flow sensors of the DMIK series operate on the induction principle. When a conductive medium passes through a magnetic field, a voltage is induced and detected by two electrodes.

This provides fast and precise flow measurement – wear-free, with minimal pressure drop, and with an exceptionally wide measuring range. Ideal for conductive liquids.

DOCUMENTATION	FSQ/S1	DMIK
FSQ DMIK		
MEDIA		
OPERATING DATA		
ELECTRICAL DATA		
FEATURES		
APPROVALS		

DOCUMENTATION

DWG

DWM

DWM/A

DWG



DWM & DWM/A



	DWG	DWM & DWM/A
MEDIA	H2O, SPEC, Viscosity Range cSt 0.1 10	H2O, SPEC, Viscosity Range cSt 0.1 10
OPERATING DATA	Flow l/min 0,1 50, bar, °C 160 100 -20	Flow l/min 0,1 50, bar, °C 160 100 -20
ELECTRICAL DATA	IO-Link, 4 - 20 mA 0 - 10 V	IO-Link, 4 - 20 mA 0 - 10 V
FEATURES		
APPROVALS	IP65 IP67, Ex, CE, UKCA, cULus	IP65 IP67, Ex, CE, UKCA, cULus

DOCUMENTATION

DUG

DUM

DUM/A

DUG



DUM & DUM/A



	DUG	DUM & DUM/A
MEDIA	H2O, SPEC, Viscosity Range cSt 0.1 10	H2O, SPEC, Viscosity Range cSt 0.1 10
OPERATING DATA	Flow l/min 0,2 250, bar, °C 160 100 -20	Flow l/min 0,2 250, bar, °C 160 100 -20
ELECTRICAL DATA	IO-Link, 4 - 20 mA 0 - 10 V	IO-Link, 4 - 20 mA 0 - 10 V
FEATURES		
APPROVALS	IP65 IP67, Ex, CE, UKCA, cULus	IP65 IP67, Ex, CE, UKCA, cULus

DOCUMENTATION	RVO/U-1	RVO/U-2
	RVO/U-1	RVO/U-2
MEDIA	H2O, SPEC, Viscosity Range cSt 0.1 10	H2O, SPEC, Viscosity Range cSt 0.1 10
OPERATING DATA	Flow l/min 8 150, bar, °C 160 100 -20	Flow l/min 0,2 28, bar, °C 160 100 -20
ELECTRICAL DATA	IO-Link, 4 - 20 mA 0 - 10 V	IO-Link, 4 - 20 mA 0 - 10 V
FEATURES		
APPROVALS	IP65 IP67, Ex, CE, UKCA, cULus	IP65 IP67, Ex, CE, UKCA

DOCUMENTATION	RVO/U-4	WY
	RVO/U-4	WY
MEDIA	H2O, SPEC, Viscosity Range cSt 0.1 10	H2O, SPEC, Viscosity Range cSt 0.1 10
OPERATING DATA	Flow l/min 0,005 5, bar, °C 160 100 -20	Flow l/min 2,5 100, bar, °C 100 -20
ELECTRICAL DATA	IO-Link, 4 - 20 mA 0 - 10 V	IO-Link, 4 - 20 mA 0 - 10 V
FEATURES		
APPROVALS	IP65 IP67, Ex, CE, UKCA	IP65 IP67, CE, UKCA

DOCUMENTATION

RVM/U-1

RVM/UA-1

RVM/U-2

RVM/UA-2

RVM/U-1 & RVM/UA-1



RVM/U-2 & RVM/UA-2



	RVM/U-1 & RVM/UA-1	RVM/U-2 & RVM/UA-2
MEDIA	H_2O, SPEC, Viscosity Range cSt 0.1 – 10	H_2O, SPEC, Viscosity Range cSt 0.1 – 10
OPERATING DATA	Flow l/min 10 – 150, bar, °C 160 / 100 / -20	Flow l/min 0,02 – 30, bar, °C 160 / 100 / -20
ELECTRICAL DATA	IO-Link, 4 - 20 mA 0 - 10 V	IO-Link, 4 - 20 mA 0 - 10 V
FEATURES		
APPROVALS	IP65 IP67, Ex, CE, UKCA, cULus	IP65 IP67, Ex, CE, UKCA

DOCUMENTATION

RVM/U-4

RVM/U-S4

RVM/U-4



RVM/U-S4



	RVM/U-4	RVM/U-S4
MEDIA	H_2O, SPEC, Viscosity Range cSt 0.1 – 10	H_2O, SPEC, Viscosity Range cSt 0.1 – 10
OPERATING DATA	Flow l/min 0,005 – 5, bar, °C 160 / 100 / -20	Flow l/min 0,005 – 5, bar, °C 160 / 100 / -20
ELECTRICAL DATA	IO-Link, 4 - 20 mA 0 - 10 V	
FEATURES		
APPROVALS	IP65 IP67, Ex, CE, UKCA	IP65 IP67, CE, UKCA

DOCUMENTATION	RMU-A	RMU-B
RMU/A RMU/B		
MEDIA	H2O SPEC Viscosity Range cSt 0.1 10	H2O SPEC Viscosity Range cSt 0.1 10
OPERATING DATA	Flow l/min 2,5 15,5 bar °C 160 100 -20	Flow l/min 0,4 15,5 bar °C 160 100 -20
ELECTRICAL DATA		
FEATURES		
APPROVALS	IP67 CE UKCA	IP67 CE UKCA

DOCUMENTATION	RVM/UM	WBMC
RVM/UM WBMC		
MEDIA	H2O SPEC Viscosity Range cSt 0.1 10	H2O SPEC Viscosity Range cSt 0.1 10
OPERATING DATA	Flow l/min 0,7 20 bar °C 160 120 -20	Flow l/min 80 260 bar °C 160 100 -20
ELECTRICAL DATA		
FEATURES		
APPROVALS	IP65 IP67 Ex CE UKCA cULus	IP65 IP67 Ex CE UKCA

DOCUMENTATION

KM 165-200

KM 335-350

KM-165 - 200



MEDIA	H2O, SPEC, Viscosity Range cSt 0.1 10
OPERATING DATA	Flow l/min 0,025 16,7, bar, °C 60 0
ELECTRICAL DATA	
FEATURES	
APPROVALS	IP65, CE, UKCA

KM-335 - 350



MEDIA	H2O, SPEC, Viscosity Range cSt 0.1 10
OPERATING DATA	Flow l/min 0,83 1000, bar, °C 60 0
ELECTRICAL DATA	4 - 20 mA
FEATURES	
APPROVALS	IP65, CE, UKCA

DOCUMENTATION

2000

6000

2000

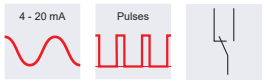


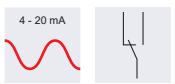
MEDIA	H2O, SPEC, Viscosity Range cSt 0.1 10
OPERATING DATA	Flow l/min 0,001 17, bar, °C 80 -20
ELECTRICAL DATA	
FEATURES	
APPROVALS	IP65, Ex, CE, UKCA

6000



MEDIA	H2O, SPEC, Viscosity Range cSt 0.1 10
OPERATING DATA	Flow l/min 0,04 833, bar, °C 80 -20
ELECTRICAL DATA	4 - 20 mA 0 - 10 V
FEATURES	
APPROVALS	IP65, Ex, CE, UKCA

DOCUMENTATION	SC-250	SC-250 H&V
SC-250 SC-250 H&V		
MEDIA		
OPERATING DATA		
ELECTRICAL DATA		
FEATURES		
APPROVALS		

DOCUMENTATION	M-21
M-21	
MEDIA	
OPERATING DATA	
ELECTRICAL DATA	
FEATURES	
APPROVALS	

DOCUMENTATION	DP-65	SPM
	DP-65	SPM
		
MEDIA	H2O, SPEC, Viscosity Range cSt 0.1 10	H2O, SPEC, Viscosity Range cSt 0.1 10
OPERATING DATA	Flow l/min 13,3 13.333, bar, °C 300 150 -20	Flow l/min 2,3 2762, bar, °C 120 -40
ELECTRICAL DATA	4 - 20 mA, Pulses	
FEATURES		
APPROVALS	IP65 IP67, Ex, CE, UKCA	IP65, CE, UKCA

DOCUMENTATION	SPKM	SPKR
	SPKM	SPKR
		
MEDIA	H2O, SPEC, Viscosity Range cSt 0.1 10	H2O, SPEC, Viscosity Range cSt 0.1 10
OPERATING DATA	Flow l/min 4 93, bar, °C 110 -20	Flow l/min 3,5 69, bar, °C 110 -20
ELECTRICAL DATA		
FEATURES		
APPROVALS	IP65, CE, UKCA	IP65, CE, UKCA

DOCUMENTATION

FAA

FRA

FAA



FRA



	FAA	FRA
MEDIA	H2O, SPEC, Viscosity Range cSt 0.1 – 10	H2O, SPEC, Viscosity Range cSt 0.1 – 10
OPERATING DATA	Flow l/min 1 – 60, bar, °C 0 – 90	Flow l/min 0.7 – 100, bar, °C 0 – 100
ELECTRICAL DATA		
FEATURES		
APPROVALS	CE, UKCA	CE, UKCA

DOCUMENTATION

DHSF-2/4

DHGF-2/4

DHSF-2 & DHSF-4



DHGF-2 & DHGF-4



	DHSF-2 & DHSF-4	DHGF-2 & DHGF-4
MEDIA	H2O, SPEC, Viscosity Range cSt 0.1 – 10	H2O, SPEC, Viscosity Range cSt 0.1 – 10
OPERATING DATA	Flow l/min 0,025 – 4,17, bar, °C 0 – 80	Flow l/min 0,025 – 4,17, bar, °C 0 – 80
ELECTRICAL DATA	Pulses	Pulses
FEATURES		
APPROVALS	IP65, CE, UKCA	IP65, CE, UKCA

DOCUMENTATION	DHGA-2 & DHGA-4	DHGA-10
DHGA-2/4 DHGA-10		
MEDIA	H2O SPEC Viscosity Range cSt 0.1 10	H2O SPEC Viscosity Range cSt 0.1 10
OPERATING DATA	Flow l/min 0,025 4,17 bar °C 60 0	Flow l/min 0,83 16,7 bar °C 60 0
ELECTRICAL DATA	4 - 20 mA	4 - 20 mA
FEATURES		
APPROVALS	IP65 CE UK CA	IP65 CE UK CA

DOCUMENTATION	DHGF-10	DHTF-1
DHGF-10 DHTF-1		
MEDIA	H2O SPEC Viscosity Range cSt 0.1 10	H2O SPEC Viscosity Range cSt 0.1 10
OPERATING DATA	Flow l/min 0,83 16,7 bar °C 80 0	Flow m/s 0,15 10 bar °C 80 0
ELECTRICAL DATA	Pulses	Frequency
FEATURES		
APPROVALS	IP65 CE UK CA	IP65 CE UK CA

DOCUMENTATION	TDH-15 / PPO	TDH-25 / PP
TDH-15 PPO		
TDH-25 PP		
MEDIA	H2O SPEC Viscosity Range cSt 0.1 10	H2O SPEC Viscosity Range cSt 0.1 10
OPERATING DATA	Flow l/min 2 40 bar °C 85 0	Flow l/min 4 160 bar °C 80 0
ELECTRICAL DATA	Pulses	Pulses
FEATURES		
APPROVALS	IP54 CE UKCA	IP54 CE UKCA

DOCUMENTATION	TDH-25 / MS	TDH-40 / MS
TDH-25 MS		
TDH-40 MS		
MEDIA	H2O SPEC Viscosity Range cSt 0.1 10	H2O SPEC Viscosity Range cSt 0.1 10
OPERATING DATA	Flow l/min 4 160 bar °C 85 0	Flow l/min 7 417 bar °C 85 0
ELECTRICAL DATA	Pulses	Pulses
FEATURES		
APPROVALS	IP54 CE UKCA	IP54 CE UKCA

FLOWMETERS AND INDICATORS FOR OILS AND OTHER HIGH-VISCOSITY MEDIA

OIL

TYPE SERIES	MEASURING RANGE (L/MIN)	PRESSURE MAX. (BAR)		TEMPERATURE (°C)		PAGE
		from	to	min.	max.	
DKG-1	0,5 – 90		10	-20	120	22
DKG-2	0,5 – 8		16	-20	120	22
DKM-1	0,5 – 110	100	300	-20	120	22
DKM-2	0,5 – 7	100*	350	-20	120	22
DKM/A-1	0,5 – 110	100	300	-20	120	22
DKM/A-2	0,5 – 7	160	350	-20	120	22
DKME-1	1 – 80	100	300	-20	120	23
DKME/A-1	1 – 80	100	300	-20	120	23
COVOL	0,42 – 1.000	10	16	-40	150	23

* 160 bar upon request

DOCUMENTATION

DKG-1

DKG-2

DKG-1



DKG-2



	DKG-1	DKG-2
MEDIA	OIL; Viscosity Range cSt 30 600	OIL; Viscosity Range cSt 30 600
OPERATING DATA	Flow l/min 0,5 90; bar; °C 160 120 -20	Flow l/min 0,5 8; bar; °C 160 120 -20
ELECTRICAL DATA	IO-Link; 4 - 20 mA 0 - 10 V	IO-Link; 4 - 20 mA 0 - 10 V
FEATURES		
APPROVALS	IP65 IP67; Ex; CE; UKCA; cULus	IP65 IP67; Ex; CE; UKCA

DOCUMENTATION

DKM-1

DKM/A-1

DKM-2

DKM/A-2

DKM-1 & DKM/A-1



DKM-2 & DKM/A-2



	DKM-1 & DKM/A-1	DKM-2 & DKM/A-2
MEDIA	OIL; Viscosity Range cSt 30 600	OIL; Viscosity Range cSt 30 600
OPERATING DATA	Flow l/min 0,5 110; bar; °C 160 120 -20	Flow l/min 0,5 7; bar; °C 160 120 -20
ELECTRICAL DATA	IO-Link; 4 - 20 mA 0 - 10 V	IO-Link; 4 - 20 mA 0 - 10 V
FEATURES		
APPROVALS	IP65 IP67; Ex; CE; UKCA; cULus	IP65 IP67; Ex; CE; UKCA

DOCUMENTATION

DKME-1

DKME/A-1

DKME-1 & DKME/A-1



MEDIA	OIL; Viscosity Range cSt 30 600
OPERATING DATA	Flow l/min 1 80; bar; °C 160 120 -20
ELECTRICAL DATA	IO-Link; 4 - 20 mA 0 - 10 V
FEATURES	
APPROVALS	IP65 IP67; Ex; CE; UKCA; cULus

DOCUMENTATION

COVOL

COVOL



MEDIA	OIL; Viscosity Range cP 1 120000
OPERATING DATA	Flow l/min 0,42 1000; bar; °C 150 130 -20 -40
ELECTRICAL DATA	4 - 20 mA
FEATURES	123456
APPROVALS	IP65; Ex; CE; UKCA

FLOWMETERS AND INDICATORS FOR AIR AND OTHER GASES

AIR GAS

TYPE SERIES	MEASURING RANGE (NL/MIN)	PRESSURE MAX. (BAR)		TEMPERATURE (°C)		PAGE
	1 10 100 1000	from	to	min.	max.	
DWG-L	3 – 1.600		10	-20	80	25
RVO/U-L1	22,5 – 625		10	-20	100	25
RVO/U-L2	3 – 500		16	-20	100	25
RVO/U-L4	0,2 – 42		16	-20	100	26
2000	0,02 – 500		15	-20	80	27
6000	0,67 – 25.000	5	15	-20	80	27
DWM-L	1 – 1.450	100	300	-20	80	25
DWM/A-L	1 – 1.450	100	300	-20	80	25
M-21	0,2 – 500	16	40	-80	200	28
RVM/U-L1	60 – 650	100	300	-20	120	26
RVM/U-L2	2,5 – 525	100*	350	-20	120	26
RVM/U-L4	0,6 – 80	160	350	-20	120	26
RVM/UA-L1	60 – 650	100	300	-20	120	26
RVM/UA-L2	2,5 – 525	160	350	-20	120	26
SC-250	1,17 – 90.000	10	40	-50	300	28
KM-165 - 200	1,67 – 500		10**	0	60	27
KM-335 - 350	33,3 – 27.500		10**	0	60	27
SPM-L			11	-10	85	28

* 160 bar upon request
** at max. 20 °C

DOCUMENTATION

DWG-L

DWM-L

DWM/A-L

DWG-L



DWM-L & DWM/A-L



	DWG-L	DWM-L & DWM/A-L
MEDIA	AIR, GAS	AIR, GAS
OPERATING DATA	Flow Nl/min 3 1600, bar, °C 80 -20	Flow Nl/min 1 1450, bar, °C 80 -20
ELECTRICAL DATA	IO-Link, 4 - 20 mA 0 - 10 V	IO-Link, 4 - 20 mA 0 - 10 V
FEATURES		
APPROVALS	IP65 IP67, Ex, CE, UKCA, cULus	IP65 IP67, Ex, CE, UKCA, cULus

DOCUMENTATION

RVO/U-L1

RVO/U-L2

RVO/U-L1



RVO/U-L2



	RVO/U-L1	RVO/U-L2
MEDIA	AIR, GAS	AIR, GAS
OPERATING DATA	Flow Nl/min 22,5 625, bar, °C 160 100 -20	Flow Nl/min 3 500, bar, °C 160 100 -20
ELECTRICAL DATA	IO-Link, 4 - 20 mA 0 - 10 V	IO-Link, 4 - 20 mA 0 - 10 V
FEATURES		
APPROVALS	IP65 IP67, Ex, CE, UKCA, cULus	IP65 IP67, Ex, CE, UKCA

DOCUMENTATION

RVO/U-L4

RVM/U-L1

RVM/UA-L1

RVO/U-L4



RVM/U-L1 & RVM/UA-L1



	RVO/U-L4	RVM/U-L1 & RVM/UA-L1
MEDIA	AIR GAS	AIR GAS
OPERATING DATA	Flow Nl/min 0,2 42 · bar · °C 160 100 -20	Flow Nl/min 60 650 · bar · °C 160 120 -20
ELECTRICAL DATA	IO-Link · 4 - 20 mA 0 - 10 V	IO-Link · 4 - 20 mA 0 - 10 V
FEATURES		
APPROVALS	IP65 IP67 · Ex · CE · UK CA	IP65 IP67 · Ex · CE · UK CA

DOCUMENTATION

RVM/U-L2

RVM/UA-L2

RVM/U-L4

RVM/U-L2 & RVM/UA-L2



RVM/U-L4



	RVM/U-L2 & RVM/UA-L2	RVM/U-L4
MEDIA	AIR GAS	AIR GAS
OPERATING DATA	Flow Nl/min 2,5 525 · bar · °C 160 120 -20	Flow Nl/min 0,6 80 · bar · °C 160 120 -20
ELECTRICAL DATA	IO-Link · 4 - 20 mA 0 - 10 V	IO-Link · 4 - 20 mA 0 - 10 V
FEATURES		
APPROVALS	IP65 IP67 · Ex · CE · UK CA	IP65 IP67 · Ex · CE · UK CA

DOCUMENTATION	KM-165 - 200	KM-335 - 350
KM 165-200 KM 335-350		
MEDIA	AIR GAS	AIR GAS
OPERATING DATA	Flow Nl/min 1,67 500 · bar · °C 60 0	Flow Nl/min 33,3 27.500 · bar · °C 60 0
ELECTRICAL DATA		4 - 20 mA
FEATURES		
APPROVALS	IP65 CE UK CA	IP65 CE UK CA

DOCUMENTATION	2000	6000
2000 6000		
MEDIA	AIR GAS	AIR GAS
OPERATING DATA	Flow Nl/min 0,02 500 · bar · °C 80 -20	Flow Nl/min 0,67 25.000 · bar · °C 80 -20
ELECTRICAL DATA		4 - 20 mA 0 - 10 V
FEATURES		
APPROVALS	IP65 Ex CE UK CA	IP65 Ex CE UK CA

DOCUMENTATION	SC-250	M-21
SC-250 M-21		
MEDIA	AIR GAS	AIR GAS
OPERATING DATA	Flow Nl/min 1,17 90.000 · bar · °C 300 150 -20 -50	Flow Nl/min 0,2 500 · bar · °C 250 200 -20 -80
ELECTRICAL DATA	4 - 20 mA · Pulses	4 - 20 mA
FEATURES		
APPROVALS	IP65 IP67 · Ex · CE · UK CA	IP65 IP67 · Ex · CE · UK CA

DOCUMENTATION	SPM-L
SPM-L	
MEDIA	AIR GAS
OPERATING DATA	Flow m/s 1 8 · bar · °C 85 -10
ELECTRICAL DATA	
FEATURES	
APPROVALS	IP65 · CE · UK CA

FLOW LIMITERS FOR WATER

H2O

TYPE SERIES	FLOW RATE (L/MIN)	PRESSURE MAX. (BAR)		TEMPERATURE (°C)		PAGE
	1 10 100 1000	from	to	min.	max.	
BA	1 – 30	10		-20	200	32
BB	1 – 30	10		-20	200	32
BC	1 – 270	10		-20	200	32
BF	2 – 420	10		-20	200	32

MECHANICAL ACCESSORIES

VSB		16	-20	100	33
SF, SFD	20	40	-30	180	33
NV	100	200	-20	350	33
BS-228	16	350	-20	160	33

ELECTRICAL ACCESSORIES

SIGNAL 4.0	-20	70	31
MONITOR 4.0	-20	70	31
SIGNAL 4.0 IO PRO	-20	70	31
SG-15	-20	160	30
SG-15 ATEX	-5	45	30
SG-30	-20	160	30
SG-30 ATEX T5	-20	90	30
SG-30 ATEX T6	-20	75	30
SG-30 UL	-15	100	31

DOCUMENTATION

SG-15

SG-15 ATEX

SG-15



SG-15 ATEX



	SG-15	SG-15 ATEX
MEDIA	H2O, SPEC, OIL, AIR, GAS	H2O, SPEC, OIL, AIR, GAS
OPERATING DATA	Flow l/min; °C 160 120 85 -20	Flow l/min; °C 45 5
ELECTRICAL DATA		
FEATURES		
APPROVALS	IP65 IP67, CE, UKCA	IP65 IP67, Ex, CE, UKCA

DOCUMENTATION

SG-30

SG-30 ATEX T5 & T6

SG-30



SG-30 ATEX T5&T6



	SG-30	SG-30 ATEX T5&T6
MEDIA	H2O, SPEC, OIL, AIR, GAS	H2O, SPEC, OIL, AIR, GAS
OPERATING DATA	Flow l/min; °C 160 120 85 -20	Flow l/min; °C 90 -20 T5; °C 75 -20 T6
ELECTRICAL DATA		
FEATURES		
APPROVALS	IP65 IP67, CE, UKCA	IP67, Ex, CE, UKCA

DOCUMENTATION	SG-30 UL	SIGNAL 4.0
SG-30 UL SIGNAL 4.0		
MEDIA	H2O SPEC OIL AIR GAS	H2O SPEC OIL AIR GAS
OPERATING DATA	Flow l/min °C 100 -15	Flow l/min °C 70 -20
ELECTRICAL DATA		4 - 20 mA 0 - 10 V
FEATURES		24 VDC
APPROVALS	IP65 IP67 CE UK CA c UL us	IP65 IP67 CE UK CA

DOCUMENTATION	SIGNAL 4.0 IO PRO	MONITOR 4.0
SIGNAL 4.0 IO PRO MONITOR 4.0		
MEDIA	H2O SPEC OIL AIR GAS	H2O SPEC OIL AIR GAS
OPERATING DATA	Flow l/min °C 70 -20	Flow l/min °C 70 -20
ELECTRICAL DATA	IO-Link	4 - 20 mA
FEATURES	COM3 230,4 kBd 24 VDC	24 VDC
APPROVALS	IP65 IP67 CE UK CA	IP65 IP67 CE UK CA

DOCUMENTATION	BA	BB
BA BB		
MEDIA	H2O	H2O
OPERATING DATA	Flow l/min 1 30 · bar · bar · °C 200 -20	Flow l/min 1 30 · bar · bar · °C 200 -20
ELECTRICAL DATA		
FEATURES		
APPROVALS	CE UKCA	CE UKCA

DOCUMENTATION	BC	BF
BC BF		
MEDIA	H2O	H2O
OPERATING DATA	Flow l/min 1 270 · bar · bar · °C 200 -20	Flow l/min 2 420 · bar · bar · °C 200 -20
ELECTRICAL DATA		
FEATURES		
APPROVALS	CE UKCA	CE UKCA

DOCUMENTATION	VSB	NV
VSB NV		
MEDIA	H2O SPEC OIL	H2O SPEC AIR GAS
OPERATING DATA	Flow l/min 0,02 75 · bar · °C 100 -20	bar · °C 350 100 50 -20
ELECTRICAL DATA		
FEATURES		
APPROVALS	CE UKCA	CE UKCA

DOCUMENTATION	SF / SFD	BS
SF / SFD BS-228		
MEDIA	H2O SPEC OIL AIR GAS	H2O SPEC OIL AIR GAS
OPERATING DATA	bar · °C 180 110 90 15 -30	bar · °C 160 120 -20
ELECTRICAL DATA		
FEATURES		
APPROVALS	CE UKCA	CE UKCA

ICON LEGEND

MEDIA

- Water
- Low-viscosity special media
- Oils and other high-viscosity media
- Air
- Gases

MEASURING PRINCIPLES

- Ultrasonic
- Magnetic-inductive
- Float
- Impeller / turbine
- Paddle / target disc
- Oscillating piston

APPROVALS / CERTFICATIONS

- Explosion protection
- UL marking for approved components
- CE marking confirms EU conformity
- UKCA marking confirms UK conformity
- IP protection (Ingress Protection), protection against the ingress of dust and liquids

VISCOSITY

- Viscosity range e.g. 30 – 600 cSt

MEASURING RANGES

- Measuring range in liter per minute, e.g. 10 – 150 l/min
- Measuring range in normal liter per minute
- For all measuring ranges

TEMPERATURE

- Temperature range e.g. -20 – 120 °C
- Design-specific temperature ranges

PRESSURE

- Pressure range
- Design-specific pressure ranges
- Control pressure

ELECTRICAL OUTPUT

- IO-Link
- Analog signal e.g. 4 – 20 mA
- Analog signals (various)
- Frequency output
- Impulse output
- Changeover
- Normally open
- Normally closed

DISPLAY

- Mechanical display
- Sight glass
- Digital display

ORIENTATION

- Universal orientation
- Any installation position can be ordered
- Vertical flow from top to bottom
- Vertical flow from bottom to top
- Horizontal flow from both sides
- Horizontally from left to right
- Horizontally from right to left

FEATURES

- Hall sensor
- Reed switch
- Connector in compliance with EN 175301 - 803
- Connector M12 x 1
- Cable

NOTES

PRACTICAL APPLICATION EXAMPLES

WATER TREATMENT

- water supply
- waterworks
- water purification
- pH value adjustment
- boiler water treatment
- water distribution
- condensate return and many more



monitoring for perfect boiler water

H2O



control for efficient delivery

H2O



efficient handling of valuable resources

H2O



carbonation for optimal pH control

GAS

MACHINE BUILDING

- cooling units
- hydraulic power units
- lubrication systems
- heat exchange systems
- laser cutting machines
- plastic processing machinery
- machine tools
- punching and many more



reliable actuators

OIL



cooling and lubrication for perfect results

SPEC



cooling for precise cuts

H2O



lubrication for the highest requirements

OIL

POWER GENERATION

- gear units for wind turbines
- washing systems for glass production
- turbines
- combined heat and power plants
- biofuel production and many more



cleanliness for the highest demands

H2O



lubrication for the most stringent requirements

OIL



assured lubrication under changing conditions

OIL



pump protection

SPEC

Industrial processes demand reliable, high-performance measurement technology. Heat, pressure, changing media, and challenging environments require solutions that perform reliably and protect equipment over the long term. This is exactly where choosing the right measurement principle—combined with suitable materials—becomes critical.

That's why Meister Strömungstechnik® relies on high-quality materials, robust designs, and measurement technology that integrates easily into existing systems.

Our flow meters are installed in just a few steps, require minimal maintenance in operation, and have proven themselves in the field for decades. Professionals around the world trust Meister Strömungstechnik's products because they perform reliably in applications where there is no room for compromise.

PLANT CONSTRUCTION

- coating plants
- industrial washing equipment
- surface treatment
- industrial ovens
- distillation plants
- plastics processing
- paper manufacturing
  and many more



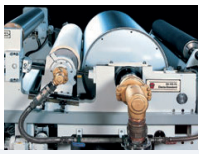
precision
for thin layers



dosage
for clean results



technical gases
for hard surfaces



cooling
for clean solutions

H2O | SPEC | GAS | H2O

PROCESS ENGINEERING

- glass production
- refrigeration units
- flue gas desulfurization
- heat exchange systems
- power plants
- waste incineration
- air compressors
- recycling
  and many more



process water
for clean flue gas



cooling
for optimal results



efficient use
of resources



lubrication
for efficient
recycling

H2O | H2O | H2O | OIL

PROCESS INDUSTRY

- short path distillation
- distillation of wool wax
- paint production
- production of plastic film
- pharmaceutical process
- mechanical seals
- barrier pressure units
  and many more



gentle cleaning
of natural products



cooling
for bright colors



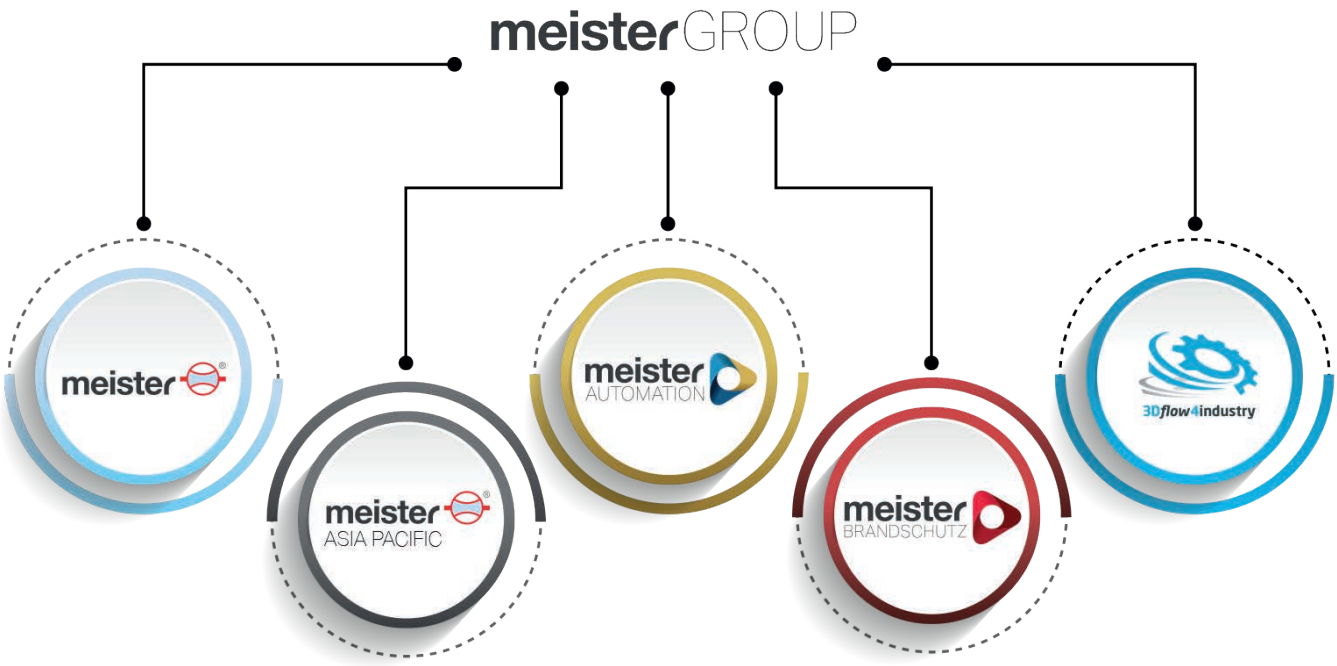
blocking medium
for dynamic seals



cooling
for crystal-clear
films

SPEC | H2O | H2O | H2O

COMBINED EXPERTISE FOR A MODERN INDUSTRY



MORE KNOW-HOW MORE POSSIBILITIES MORE MEISTER

The MEISTER GROUP brings together five specialized companies under one roof – each with its own expertise and strengths, made even more powerful through collaboration. Together, they share a common goal: to make industrial processes reliable, efficient, and future-ready.

Whether it's flow measurement technology, automation, 3D printing, or fire protection – our customers benefit from deep expertise, short decision paths, and a solution-oriented approach. The result: perfectly matched systems that work seamlessly together – technically sound, economically efficient, and reliable in operation (www.meister-group.eu).

Meister Strömungstechnik GmbH

Everything here revolves around precise and reliable flow measurement for industrial applications. As a second-generation family business, proven technology and modern Industry 4.0 connectivity come together to deliver reliable and flexible solutions.

Meister Asia Pacific Sdn. Bhd.

With our sister company in Kuala Lumpur, Malaysia, the Asian market is served directly by an experienced local team.

Meister Automation GmbH

This is where customized solutions for industrial and process engineering take shape. Independent of manufacturers and in close coordination with technology partners, we combine experience and expertise to deliver fully engineered system solutions.

Meister Brandschutz GmbH

Specializing in custom fire detection and suppression systems for industrial applications. Technical precision and extensive experience result in solutions that protect buildings, equipment, and people.

3D Flow4Industry GmbH & Co. KG

Additive manufacturing opens up new possibilities – from idea to finished component. It accelerates development processes, enables efficient use of materials, and creates new freedom for innovation.

OUR PARTNERS

CONNECTED WORLDWIDE



PEOPLE MAKE OUR TECHNOLOGY WORK

Our measurement technology is only as strong as the people who bring it to life. For over 40 years, we've partnered with companies that share our values: precision, reliability, and a commitment to delivering the right solution for every application – proudly **Made in Germany.**

BECAUSE COLLABORATION IS MORE THAN SALES

To us, partnership is more than a network — it's a mindset. Success happens together. This philosophy drives our international collaborations, from Europe to Asia and everywhere our products are in use.

A key hub for the Asia-Pacific region is our wholly owned subsidiary, Meister Asia Pacific Sdn. Bhd., located in Kuala Lumpur. From there, we support our partners and customers with technical expertise, personalized guidance, and fast response times – ensuring they always receive the best possible solution.

RIGHT BY YOUR SIDE – ANYWHERE IN THE WORLD

Around the world, local specialists are ready to support you. They understand our technology, know your applications, and represent Meister Strömungstechnik® with expertise and dedication. Together, we make industrial measurement simple — reliable, durable, and ready for the future.

Discover our certified partners here.



MEMBER OF THE MEISTER-GROUP

Meister
Strömungstechnik GmbH
Im Gewerbegebiet 2
63831 Wiesen | Germany

Tel +49 6096 97200
Mail sales@meister-flow.com
Web www.meister-flow.com

The general terms and conditions of Meister Strömungstechnik GmbH apply · Subject to errors and technical changes · 10-2026