RHEONIK.



RHM 20

Industrial Coriolis Mass Flow Meter

General Flow Control • Plant Balance • Additive Dosing
Mixing and Batching • Package and Container Filling

Datasheet

V02.00
X.X.18
19.5.2026

GET FLOW MEASURED

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Features



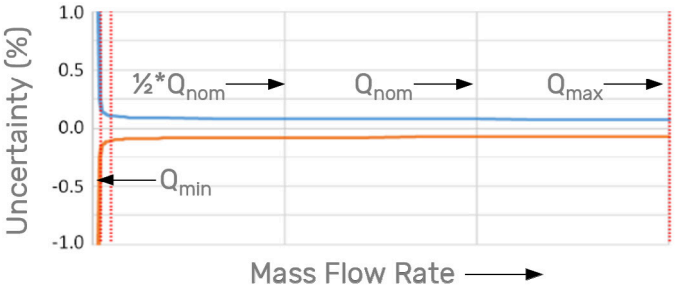
- Typical measuring range up to 480 kg/min (1058.22 lb/min)
- Pressure ratings up to 400 bar (5801 psi)
- Temperature ratings from -50 °C (-58 °F) to +210 °C (+410°F). Extended temperature ranges on request.
- Mass flow uncertainty down to 0.05%
- Repeatability down to 0.05%
- 4 kHz measurement updates when used with RHE40 series transmitters
- Accurately measure flow rates down to 1 kg/min
- The Rheonik **AnyPipeFit Commitment** provides custom process connection type and size flexibility on any meter to suit your existing plant, saving time and expense on installation costs
- Compact design with minimal pipeline footprint
- Approved for use in hazardous areas
- SS 304 Stainless steel enclosure, SS 316L optional
- Integral and remote transmitter versions available

General specification overview

Nominal Flow (Qnom)*	360 kg/min (793.66 lb/min)
Maximum Flow (Qmax)*	480 kg/min (1058.22 lb/min)
Typical Minimum Flow (Qmin)*	1 kg/min (2.21 lb/min)
Operating Temperature	Fluid temperature range options cover from -50 °C (-58 °F) to +210 °C (+410°F). Extended temperature ranges on request. For integral transmitter versions please refer to transmitter datasheet
Ambient Temperature	Standard -50 °C (-58 °F) to +80 °C (+180 °F). High temperature versions available for oven installation up to +210 °C (+410 °F).
Pressure Ratings	Up to 400 bar (5801 psi) – depending on the material
Electrical Connection Sensor w/o Integral Transmitter	M20 x 1.5 standard cable entry for JM, SM terminal box versions Optional entry available : ½" NPT Max. cable length to remote RHE transmitter 100 m/330 ft.
Sensor Housing Materials	SS 304 (standard), SS 316L (optional) Coated aluminum terminal box, SS 316L terminal box (optional)
Housing Type	IECEX tested protection class IP66 (IP66 is mostly equivalent to NEMA 4X) Optional IP66-IP67 (IP67 declared by manufacturer, IP67 is mostly equivalent to NEMA 6)
Wetted Materials	Flow tubes SS 316L, Alloy C22 or Super Duplex Connection blocks SS 316L, seals FKM, FFKM, FVMQ, EPDM, HNBR Standard flanges SS 316Ti, other connections SS 316L Additional/customer specific materials available upon request
Process Connections	Nearly any - The Rheonik **AnyPipeFit Commitment** covers a wide range of process connections types and sizes. Consult factory for types/sizes not listed in this data sheet on the Mechanical Construction pages
Pressure Rating Compliance	Pressure Equipment Directive (PED). Others (e.g. CRN) on request.
Certifications and Approvals	ATEX / IECEx Approvals Zone 0, 1, 2, refer to Hazardous area certifications, p. 19 North American Approvals Cl. I, Div. 1, 2, Gr. A, B, C, D, Zone 0, 1, 2 Canadian Registration Number (CRN) OIML, custody transfer certification DNV, CCS approval for marine applications
Testing and Inspection	All sensors are hydro tested, calibrated and supplied with a traceable calibration certificate. Customized calibration and testing services are available
Project Documentation and QA, Services	Rheonik offers a full set of services for large and complex engineering projects. Typical services offered are, but not limited to: • Certificates of origin and conformity, mill certificates • Data books including WPS-WPQR, WPQ, NDT, test & quality plans, functional testing, calibration procedures, customized packing, factory acceptance etc. • Painting to project specification • Start up and commissioning services on/offshore
Options	Customization services for machine integration available upon request.

* At Q_{nom} pressure drop across a parallel tube sensor will be approximately 1.3 bar (18.86 psi) for H_20. Sensors can be operated at higher flow rates up to Q_{max} but pressure drop will be higher. Typical Minimum Flow Q_{min} is the recommended lowest flow rate for an accurate measurement. Sensors will measure flow rates lower than Qmin but uncertainty will increase beyond 1% of rate.
The flow rate specifications above relate to standard pressure, parallel tube, connection block sensor versions. Models with higher pressure ratings have increased wall thickness and will have higher pressure drops.

Calibration options, performance data



Order Code	Standard Accuracy Calibration
A	Standard - 0.20% Uncertainty
B	Enhanced - 0.15% Uncertainty

Order Code	Premium Accuracy Calibration
G	Premium - 0.10% Uncertainty
U	Ultimate - 0.05% Uncertainty *Requires RHE 40 Series transmitter*

Order Code	Focused Calibration
1	0.10% Low Flow Calibration *Requires RHE 40 Series transmitter*[*]
X	Customized Calibration [**]Consult factory

[*] *Low flow calibration focuses on the range from ½*Q_{nom} downwards to lower flow rates than on other calibrations. Often used for low pressure gas or very viscous liquids*

[**] *customized calibration uses specific calibration points according to customer requirements*

Order Code	Density Calibration / Performance (Liquid)
N	No Density Calibration
S	Standard ± 0.001 kg/l Uncertainty
D	Premium ± 0.0005 kg/l Uncertainty Requires High Accuracy or Focused Calibration Option

Reference conditions:

18-24°C Water @ 1-3 bar

Flow Measurement Repeatability

Standard Sensors ± 0.1% of rate
Premium Sensors ± 0.05% of rate

Temperature Measurement

Better than ± 1°C

Uncertainties and flow measurement turn-down

The turn down capability from Q_{nom} of the flow sensor is driven mainly by its zero point stability. At the very low end of the measuring range the uncertainty (u) is dominated by zero point stability.

- Zero point stability of a standard sensor with general accuracy calibration: 0.007 kg/min (0.0154 lbs/min).
- Zero point stability of a premium sensor with high accuracy or focused calibration: 0.0048 kg/min (0.01058 lbs/min).
- uncertainty = calibration uncertainty, if: flow ≥ (zero point stability / (base uncertainty/100))
- uncertainty = (zero point stability/Q)*100, if: flow < (zero point stability / (base uncertainty/100))

Uncertainties from environmental and process conditions

If sensors are not zeroed at operating conditions, minor additional uncertainties can arise from elevated temperatures and pressures:

- ± 0.00022% of maximum flow per °C
- ± 0.0005% of maximum flow per bar.

Process temperature effect on density:

- Additional uncertainty of ±0.000071 g/cm³ per °C difference from calibration temperature with standard density calibration.
- Additional uncertainty of ±0.000009 g/cm³ per °C difference from calibration temperature with enhanced density calibration.
- This effect can be mitigated by a simple field density adjustment at operating conditions.

Process pressure effect on mass flow:

- The effect of pressure on flow measurement is 0.0001% of rate per bar. Compensation is possible by pressure sensor input (analog input or digital write) or manual value entry into the transmitter.

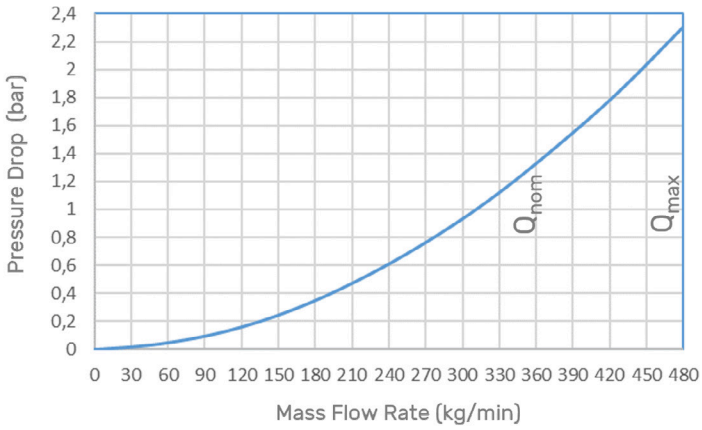
Process pressure effect on density:

- The effect of pressure on density measurement is 0.000075 g/cm³ per bar. Compensation is possible by pressure sensor input (analog input or digital write) or manual value entry into the transmitter.

Applying Premium calibration to higher pressure, special materials and/or non-standard temperature models may show higher zero uncertainties (up to 3 times higher than standard sensor).

Pressure drop

Every Coriolis flow sensor generates pressure drop across its inlet and outlet when in use. The amount of pressure drop generated is mainly a function of the flow velocity within its tubes and the flowing viscosity of the stream.



Pressure drop vs flow rate for water, sensor with P1 pressure rating. Higher viscosities create higher pressure drop.

Measurement tube materials, pressure ratings

Rheonik Flow sensors are available in various materials. Refer to the table below for details.

The maximum pressure (p_{max}) of a sensor is determined by the part with the lowest pressure rating.

The lowest rated part can be one of the following:

- Measurement tube (for p_{max} refer to table below)
- Connection block (for p_{max} refer to Connection block design with threaded process connections, parallel tube, p. 9)
- Process connection (for p_{max} refer to corresponding standards or manufacturer information)

If applicable, the material of a connection block is always SS 316L. For sensors in sealless versions, the material of the process connection is usually the same as the material of the measurement tubes. In special cases, the material may differ.

Order Code	Material	p_{max} **	50°C / 122°F	120°C / 248°F	210°C / 410°F	350°C / 662°F
P1	SS 316L (standard)	bar	139	123	104	88
		psi	2016	1784	1508	1276
H1	Alloy C22	bar	127	113	96	80
		psi	1842	1639	1392	1160
D3	Super Duplex*	bar	809	709	641	N/A
		psi	11734	10283	9297	N/A
D4	Super Duplex*	bar	1137	997	901	N/A
		psi	16491	14460	13068	N/A
T1	Tantalum	bar	97	74	60	N/A
		psi	1407	1073	870	N/A

* Minimum operating temperature for Super Duplex stainless steel is -40 °C

** Maximum pressure may be lower depending on the design type.

Other materials
Other wetted materials are possible for chemical compatibility, lower pressure drop, abrasion allowance, or other application specific requirements. Rheonik can provide nearly any material for the wetted parts.
Contact factory for availability of other exotic materials.

Mechanical construction

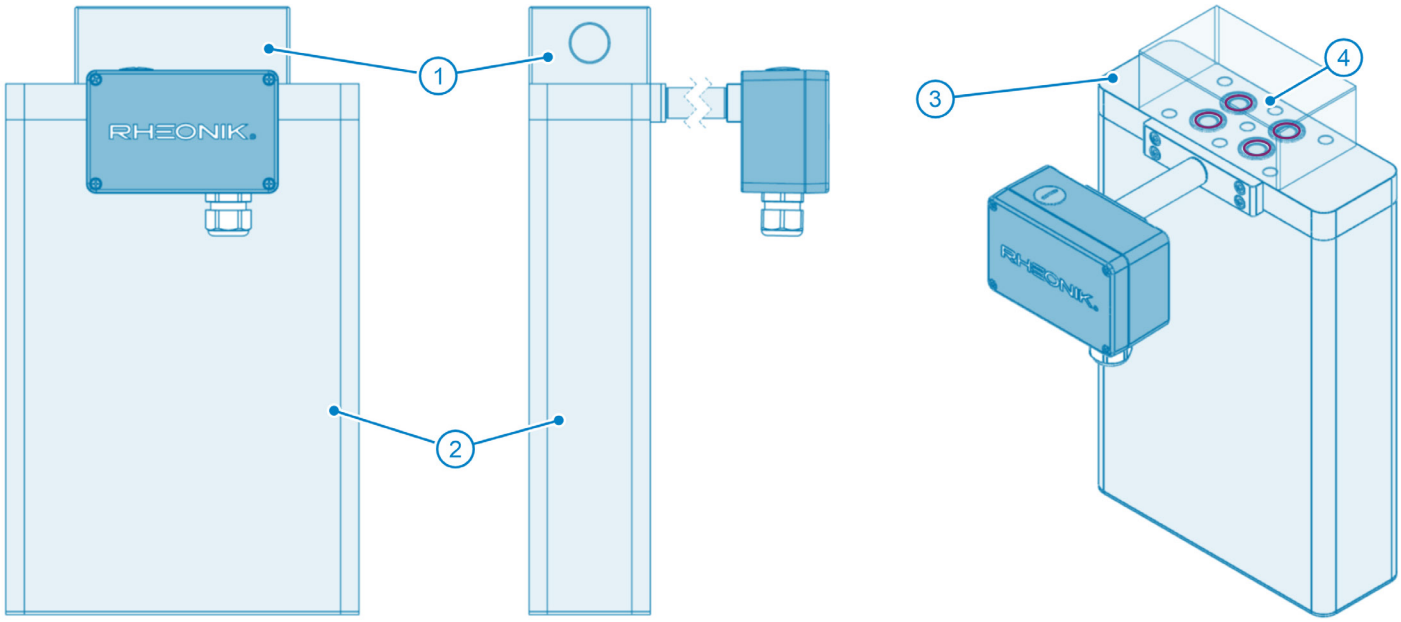
Every sensor contains two internal measurement tubes, which are arranged side by side.

Measurement paths – parallel and serial

- In sensors with a parallel/dual measurement path, the measurement tubes are connected in parallel. The flowing fluid is split equally between both tubes. (Order code P*x*)
- In sensors with a serial/single measurement path, the measurement tubes are connected end to end via a cross-over. The fluid flows through a single measurement path. (Order code S*x*)

Design variants – sealless and Connection block

- In sealless designs, the measurement tubes consist of a single piece between the inlet and the outlet. There are no seals between inlet and outlet.
- Connection block designs have a removable inlet/outlet connection block. There are seals between connection block and sensor body. Connection block designs typically offer shorter delivery lead times. These designs can have a lower pressure drop than sealless designs at the same flow rate.



1 Process connection block
2 Stainless steel sensor housing
3 Sensor body
4 Seals (depicted purple, with transparent process connection block)

Note

All dimensions on the following pages apply to products in the standard design. Contact the factory for the following modifications:

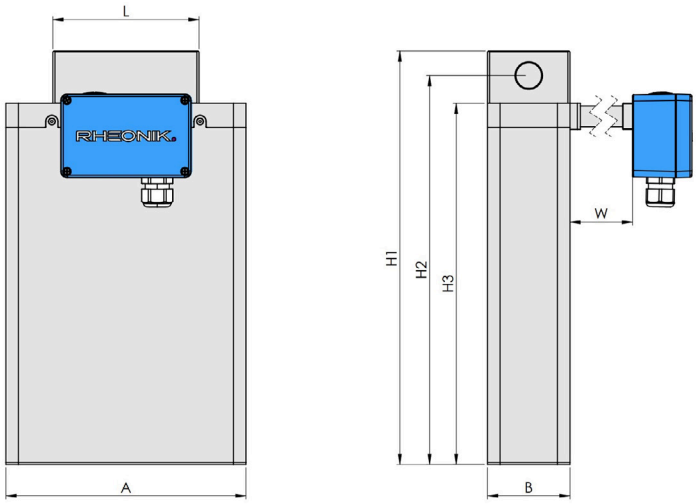
- Customization of the face-to-face length.
- Process connection types not listed on the following pages.

Flange process connections with larger diameters are always possible. The tolerance for the face to face length "L" between the process connections is ±2 mm.

Connection block design with threaded process connections, parallel tube

Parallel tube / dual measurement path. Standard solution, short delivery time.

Order Code: PM



Process Connection	Dim. L mm / in	Order Code
Female Thread G 1"	140 / 5.51	G05
Female Thread 1" NPT	140 / 5.51	N05

Dimensions	mm	in
A	270	10.63
B	79	3.11
H1	445	17.52
H2	417	16.42
H3	385	15.16
W	Refer to Electrical connection to transmitter compatibility, p. 15	

Connection block pressure ratings @ 120 °C / 248 °F

PM – 400 bar / 5801 psi

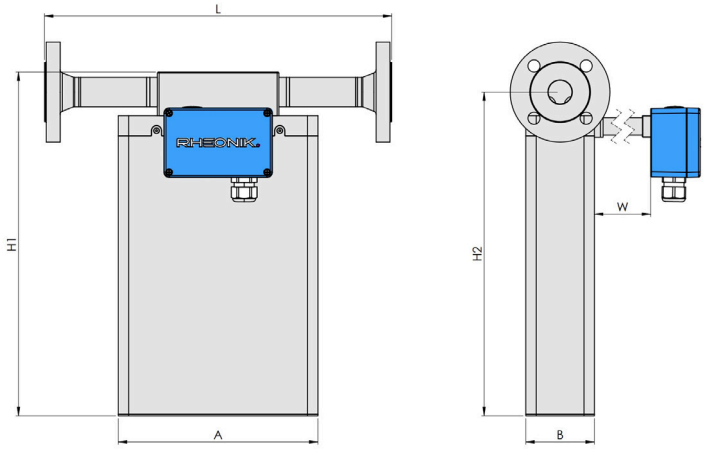
Weights and Shipping Dimensions

- Weight sensor with threads ~19.5 kg/43 lb
- Gross weight with RHE 28 transmitter and packaging: ~24 kg/53 lb
- Shipping carton size: ~49 x 40 x 27 cm (20 x 16 x 11 in)

Connection block design with flange process connections, parallel tube

Parallel tube / dual measurement path. Standard solution for flange connections, short delivery time.

Order Code: PM



Process Connection	Dim. L mm / in	Order Code
Flange ANSI 1 ½'' 150# RF/SF	460 / 18.11	A11
Flange ANSI 1 ½'' 300# RF/SF	460 / 18.11	A12
Flange ANSI 1 ½'' 600# RF/SF	460 / 18.11	A13
DIN DN40/PN40 Form B1	460 / 18.11	D07
DIN DN40/PN100 Form B2	460 / 18.11	D08
Flange JIS B 2220 RF 10k 40A (1 ½")	460 / 18.11	J06
Flange JIS B 2220 RF 20k 40A (1 ½")	460 / 18.11	J07

Weights and Shipping Dimensions

- Weight sensor with 1.5" 150# flanges ~ 23.5 kg / 51.8 lb
- Gross weight with RHE 28 transmitter and packaging: ~28 kg / 61.7 lb
- Shipping carton size: ~ 70 x 50 x 50 cm (28 x 20 x 20 in)

Dimensions	mm	in
A	270	10.63
B	79	3.11
H1 (PM)	445	17.52
H2	417	16.42
W	Refer to Electrical connection to transmitter compatibility, p. 15	

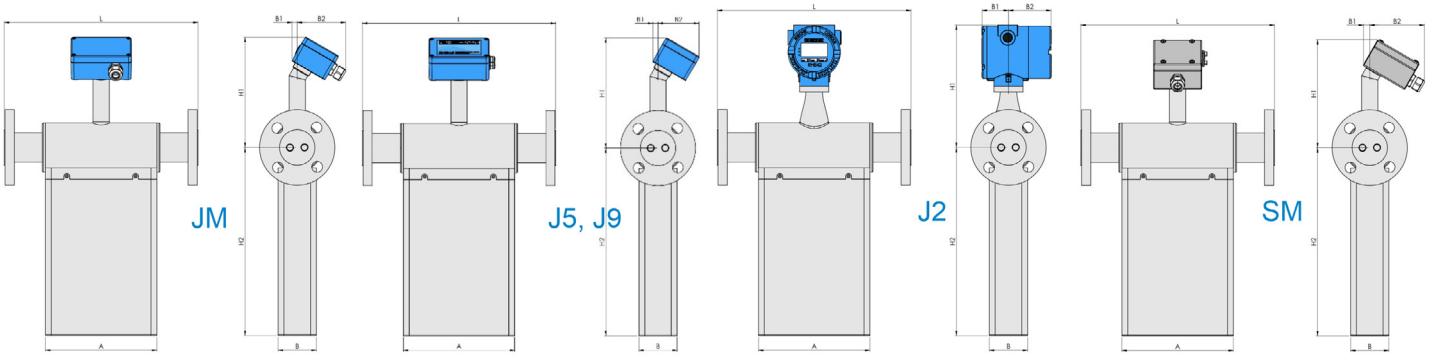
Connection block pressure ratings @ 120 °C / 248 °F

PM – 400 bar / 5801 psi

Sealless design flange/hub, temperature ranges N1, NA, EM, E2

Parallel tube / dual measurement path. Order Code: PF.

For processes that do not tolerate connection blocks or seals.



Process Connection	Dim. L mm / in	Order Code
Flange ANSI 2" 150#RF	460 / 18.11	A16
Flange ANSI 2" 300#RF	460 / 18.11	A17
Flange ANSI 2" 600#RF	460 / 18.11	A18
Flange ANSI 2" 1500#RF	500 / 19.69	A19
Flange ANSI 2" 2500#RF	500 / 19.69	A20
Flange ANSI 2" 1500#RTJ	500 / 19.69	R11
Flange ANSI 2" 2500#RTJ	500 / 19.69	R12
Flange DIN DN50/PN40 Form B1	460 / 18.11	D10
Flange DIN DN50/PN100 Form B2	460 / 18.11	D11

Weights and Shipping Dimensions

- Weight sensor with 1½" 150# flanges ~ 18 kg / 39.7 lb
- Gross weight with RHE 28 transmitter and packaging: ~24 kg / 53 lb
- Shipping in wooden crate as per ISPM 15: ~ 125 x 85 x 60 cm (50 x 34 x 24 in)

Dimensions	mm	in
A	270	10.63
B	79	3.11
H2	427	16.81
B1 (JM)	11	0.43
B2 (JM)	100	3.94
H1 (JM)	227	8.94
B1 (J5)	11	0.43
B2 (J5)	85	3.35
H1 (J5)	227	8.94
B1 (J2)	55	2.17
B2 (J2)	88	3.46
H1 (J2)	252	9.92
B1 (SM)	13	0.51
B2 (SM)	113	4.45
H1 (SM)	222	8.74

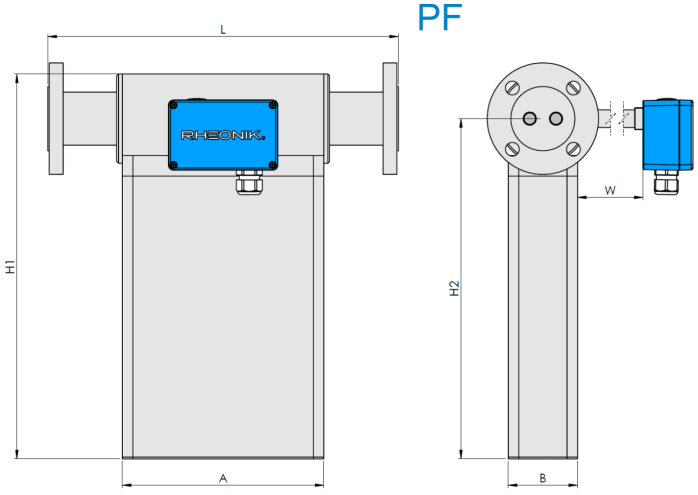
Sealless design flange/hub, threaded, temperature range E3/H4

Sealless design with flange/hub and threaded process connections for E3/H4 temperature range

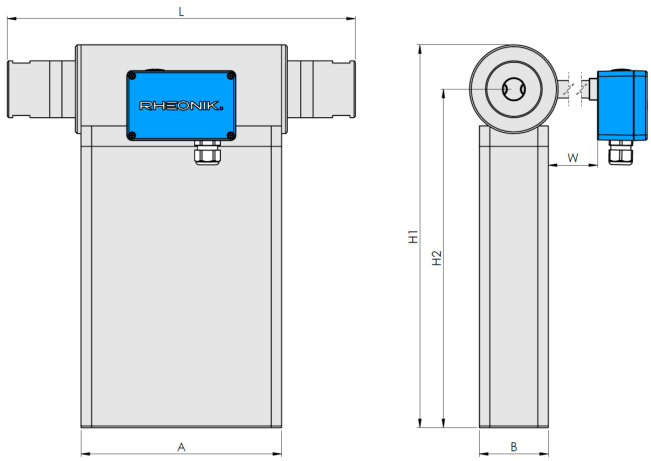
For cryogenic (E3) or high temperature (H4) applications.

Parallel tube / dual measurement path. Order Code: PF/PT

PF



PT



Process Connection	Dim. L mm / in	Order Code
Female Thread G 1”	460 / 18.11	G05
Female Thread 1” NPT	460 / 18.11	N05
Flange ANSI 2" 150#RF	460 / 18.11	A16
Flange ANSI 2" 300#RF	460 / 18.11	A17
Flange ANSI 2" 600#RF	460 / 18.11	A18
Flange ANSI 2" 1500#RF	500 / 19.69	A19
Flange ANSI 2" 2500#RF	500 / 19.69	A20
Flange ANSI 2" 1500#RTJ	500 / 19.69	R11
Flange ANSI 2" 2500#RTJ	500 / 19.69	R12
Flange DIN DN50/PN40 Form B1	460 / 18.11	D10
Flange DIN DN50/PN100 Form B2	460 / 18.11	D11

Dimensions	mm	in
A	270	10,63
B	79	3,11
H1	478	18,82
H2	427	16,81
W	100	3,94

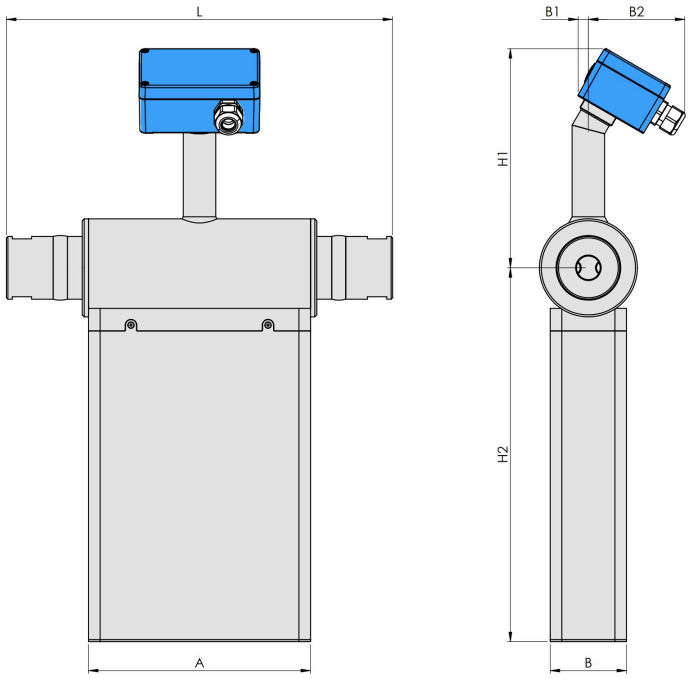
Weights and Shipping Dimensions

- Weight sensor with threads ~18 kg / 39.7 lb
- Gross weight with RHE 28 transmitter and packaging: ~24 kg / 53 lb
- Shipping carton size: ~ 125 x 85 x 60 cm (50 x 34 x 24 in)

Sealless design with threaded process connections

For processes that do not tolerate connection blocks or seals.

Parallel tube / dual measurement path. Order Code: PT



Note: the same RHM/RHE combinations are available like with.

Process Connection	Dim. L mm / in	Order Code
Female Thread G 1"	460 / 18.11	G05
Female Thread 1" NPT	460 / 18.11	N05

Weights and Shipping Dimensions

Weights and Shipping Dimensions

- Weight sensor with threads ~17.5 kg/38.6 lb
- Gross weight with RHE 28 transmitter and packaging: ~24 kg / 53 lb
- Shipping carton size: ~80 x 60 x 58 cm (32 x 24 x 23 in)

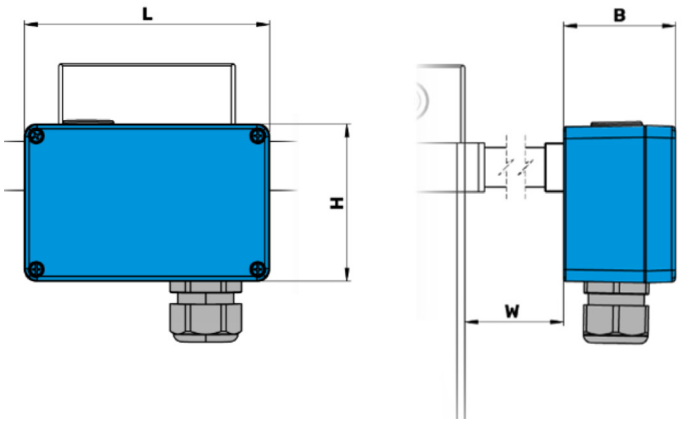
Dimensions	mm	in
A	270	10.63
B	79	3.11
H2	427	16.81
B1 (JM)	11	0.43
B2 (JM)	100	3.94
H1 (JM)	227	8.94
B1 (J5)	11	0.43
B2 (J5)	85	3.35
H1 (J5)	227	8.94
B1 (J2)	55	2.17
B2 (J2)	88	3.46
H1 (J2)	252	9.92
B1 (SM)	13	0.51
B2 (SM)	113	4.45
H1 (SM)	222	8.74

Electrical connection options to transmitters

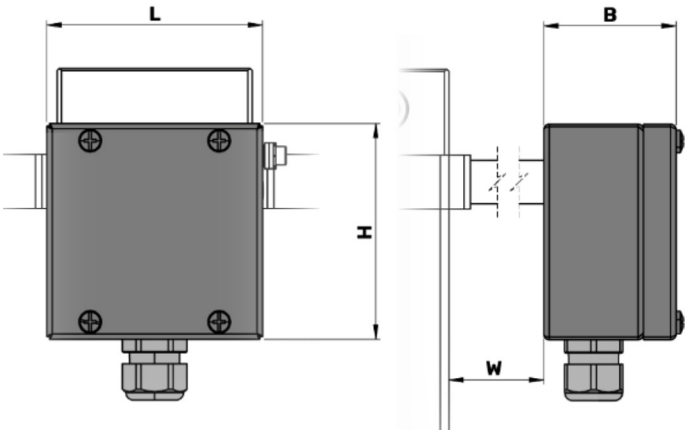
Any Rheonik transmitter can be combined with any Rheonik sensor into a coriolis mass flow meter. This flexibility helps to provide a measurement solution for any requirement. Rheonik transmitters are available in integral or remote mounting options, offering various connection options to meet specific application requirements.

Connection of sensor and remote transmitter via Rheonik cable.

Standard coated aluminum terminal box. Order Code: JM



Terminal box in SS 316. Order Code: SM

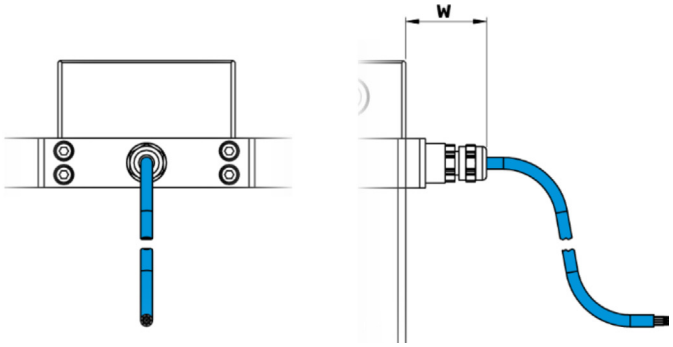


Connection Option[1]	Dimension	mm	in
JM Terminal Box	L x H x B	125 x 80 x 57	4.92 x 3.15 x 2.24
SM SS 316 Terminal Box	L x H x B	100 x 100 x 61	3.94 x 3.94 x 2.40
JM, SM with Temperature Range N1, NA	W	2	0.08
JM, SM with Temperature Range E2, E3	W	100	3.94

[1] JM and SM Terminal boxes are supplied with an M20 x 1.5 cable entry. Other optional entries are available, refer to RHM 20 Order code, p. 16.

Special option for placement of sensor in vacuum chamber or oven (-257 °C to +210 °C)

Integral PTFE cable (No terminal box). Order Code: TM
Standard length 2 m, can be extended up to max. 10 m.

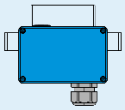
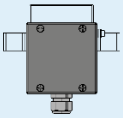
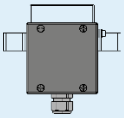
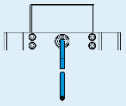
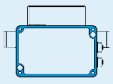
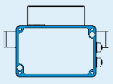


Connection Option	Dimension	mm	in
TM Integral PTFE Cable	W	41	1.61

For details on the integral transmitter used with options J2, J5, J9 and S9, refer to the RHE 42, RHE 45 or RHE 49 datasheet.

Electrical connection to transmitter compatibility

Electrical connection option selections are compatible with the transmitter range according to the following table. Note that economical blind front versions of some transmitters are available where displays and keypads are not required. The wide range of Rheonik sensors and transmitters provide tremendous options for system designers and end users alike.

Sensor Connection Options								
	Order Code	JM	SM	S9	TM	J2[1]	J5	J9
	RHE 21	✓	✓	–	✓	–	–	–
	RHE 26	✓	✓	–	✓	–	–	–
	RHE 27	✓	✓	–	✓	–	–	–
	RHE 28	✓	✓	–	✓	–	–	–
	RHE 42	✓	✓	–	✓	✓	–	–
	RHE 45	–	–	–	–	–	✓	–
	RHE 46	✓	✓	–	✓	–	–	–
	RHE 49	–	–	✓	–	–	–	✓

[1] Only with design types PF, PT. Refer to RHM 20 Order code, p. 16.

RHM 20 Order code

M#20	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Example part number code															
M#20	S	N1	P1	PM	N	NN	D07	JM	A1	B1	P	NN	A	S	NN

1	Performance class
S	Classic multi purpose high accuracy coriolis mass flowmeter
P	Premium highest accuracy coriolis mass flowmeter

2	Temperature range	
N1	Standard temperature range	-20 to +120 °C / -4 to +248 °F
NA	Standard temperature range	-50 to +120 °C / -58 to +248 °F
EM	Extended temperature range	-20 to +160 °C / -76 to +320 °F
E2	Extended temperature range	-50 to +210 °C / -58 to +410 °F
E3	Extended temperature range	-196 to +50 °C / -320 to +122 °F
H4	Extended temperature range	-20 to +350 °C / -4 to +662 °F

3	Material wetted parts / maximum pressure of measurement tubes at 120 °C/248 F
P1	SS 316L/Ti | Tubes pmax = 123 bar / 1784 psi
H1	Alloy C22 | Tubes pmax = 113 bar / 1639 psi
D3	Super Duplex | Tubes pmax = 709 bar / 10283 psi
D4	Super Duplex | Tubes pmax = 997 bar / 14460 psi
T1	Tantalum

4	Design type
PM	Parallel connection block in SS 316L with seals
PF	Parallel tube, sealless | only with flange and hub connections
PT	Parallel tube, sealless | only with thread connections

5	Seals wetted parts
0	Sealless
N	FKM
F	FFKM
M	FVMQ
E	EPDM
H	HNBR

6	Sensor housing
NN	Standard stainless steel housing
SN	Special SS 316 housing
NR	Standard stainless steel housing with rupture disc
SR	Special SS 316 housing with rupture disc
NS	Standard stainless steel housing with rupture disc, G 3/4'' male drain connection
SS	Special SS 316 housing with rupture disc, G 3/4'' male drain connection

7	Process connection
D07	Flange DIN DN40/PN40 Form B1 accoording to EN 1092-1 (legacy Form C)
D08	Flange DIN DN40/PN100 Form B2 accoording to EN 1092-1 (legacy Form E)

7	Process connection
D10	Flange DIN DN50/PN40 Form B1 accoording to EN 1092-1
D11	Flange DIN DN50/PN100 Form B2 accoording to EN 1092-1
A11	Flange ANSI 1 ½'' 150# RF/SF
A12	Flange ANSI 1 ½'' 300# RF/SF
A13	Flange ANSI 1 ½'' 600# RF/SF
A16	Flange ANSI 2'' 150# RF/SF
A17	Flange ANSI 2'' 300# RF/SF
A18	Flange ANSI 2'' 600# RF/SF
A19	Flange ANSI 2'' 1500 # RF/SF
A20	Flange ANSI 2'' 2500 # RF/SF
R11	Flange ANSI 2'' 1500# RTJ
R12	Flange ANSI 2'' 2500# RTJ
H30	G-Lok® hub 2.5 - 3 GR20
G05	Female thread G1''
N05	Female thread1'' NPT
J06	Flange JIS B 2220 RF 10k 40A (1 ½'')
J07	Flange JIS B 2220 RF 20k 40A (1 ½'')

8	Electrical connection to transmitter
JM	Terminal box coated aluminium | not with hazardous area A0
SM	Terminal Box in SS 316
J2	Integral transmitter RHE42 (aluminum housing)
J5	Integral transmitter RHE45 (aluminum housing)
J9	Integral transmitter RHE49 (aluminum housing)
S9	Integral transmitter RHE49 (SS 316 housing)
TM	Integral 2m cable to RHE | option IM required for use with RHE42

9	Hazardous area approvals sensor[1]
NN	Without approval
A2	ATEX/IECEx Zone 2
A1	ATEX/IECEx Zone 1, 2
A0	ATEX/IECEx Zone 0, 1, 2
C2	cCSAus Class I, Zone 2
C0	cCSAus Class I, Div. 1, 2, Zone 0, 1, 2

[1] For labeling refer to Hazardous area certifications, p. 19

10	Cable entry / cable gland
NN	Standard with integrated transmitter according to transmitter data sheet
B1	M20 x 1.5 cable gland
E1	½" NPT cable entry, no gland
E5	M20 x 1.5 cable gland in SS 316
E6	½" NPT cable entry in SS 316, no gland
1B	M20 x 1.5 cable gland upwards/gas installation
1E	½" NPT cable entry upwards/gas installation, no gland
5E	M20 x 1.5 cable gland in SS 316 upwards/gas installation
6E	½" NPT cable entry in SS 316 upwards/gas installation, no gland

11	Design compliance
N	Rheonik standard design in accordance with EN standards (no PED compliance, not for sale in the EU)
P	Compliance with the Pressure Equipment Directive (PED)

12	Performance/conformity certification
NN	Without certification

13	Flow calibration
A	Standard – uncertainty ≤ 0.20% / 3 points
B	Enhanced – uncertainty ≤ 0.15% / 3 points
G	Premium – uncertainty ≤ 0.10% / 4 points
1	Low Flow – uncertainty ≤ 0.10% / 4 points
X	Customized calibration

14	Density calibration
N	No density measured
S	Standard uncertainty, refer to calibration options
D	Premium uncertainty, refer to calibration options

15	Factory Services	
NN	None	
D1	Material certificate for wetted parts acc. EN 10204 3.1	
D2	Pressure test cert. & mat. cert. for wetted parts acc. EN 10204 3.1	
FS	Combined factory services, possible options:	
	D1	Material certificate for wetted parts acc. EN 10204 3.1
	D2	Pressure test cert. & mat. cert. for wetted parts acc. EN 10204 3.1
	TP	Separate stainless steel tag (tag information only)
	TC	Stainless steel nameplate
	F	Removal of residual calibration water with compressed air
	O	Special cleaning, water- and grease-free
	7	Upgrade to dual rating IP66/67

Hazardous area certifications

Order code	Zone / Division	Approval	Labeling
NN	safe area	-	no hazardous area certification
A2	Zone 2	ATEX	II 3G Ex ec IIC T6…T1 Gc
		IECEx	Ex ec IIC T6…T1 Gc
A1	Zone 1	ATEX	II 2G Ex ib IIC T6…T1 Gb
		IECEx	Ex ib IIC T6…T1 Gb
A0	Zone 0	ATEX	II 1G Ex ia IIC T6…T1 Ga
		IECEx	Ex ia IIC T6…T1 Ga
C2	Zone 2	USA/Canada	Class I, Zone 2, AEx nA IIC T6…T1 Gc
C0	Div 1, Zone 0	USA/Canada	Class I, Div 1, Groups A, B, C and D T6…T1 Class I, Zone 0, AEx ia IIC T6…T1 Ga



About Rheonik

Rheonik has but one single purpose: to design and manufacture the very best Coriolis meters available.

Our research and engineering resources are dedicated to finding new and better ways to provide cost effective accurate mass flow solutions that provide value to our customers. Our manufacturing group care for each and every meter we produce from raw materials all the way to shipping, and our service and support group are available to help you specify, integrate, start-up and maintain every Rheonik meter you have in service. Whether you own just one meter or have hundreds, you will never be just another customer to us. You are our valued business partner.

Need a specific configuration for your plant? Don't compromise with a "standard" product from elsewhere that will add extra cost to your installation. If we can't configure it from our extensive and versatile product range, our exclusive **AnyPipeFit Commitment** can have your flow sensor customized with any size/type of process connection and face to face dimension you need.

No matter what control system you use as the backbone in your enterprise, with our **AnyInterface Commitment**, you can be sure that connection and communication will not be a problem. Alongside a wide variety of discrete analog and digital signal connections, we can also provide just about any network/bus interface available (for example: HART, ProfibusDP, ProfiNet, EtherCAT, PowerLink, EtherNet/IP, CAN, ….) with our RHE 40 Series family of transmitters. Rheonik RHE 40 Series transmitters can connect to your system – no headache and no conversion needed.

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