

ORDERING INFORMATION

Model	Product Description
8800D	Vortex Flowmeter
Code	Meter Style
W	Wafer style
F	Flanged style
R	Reducer Style (Flanged style only)
D	Dual-sensor style (Flanged style only)
Code	Line Size
005	1/2 Inch (15 mm) (Not available for Rosemount 8800DR)
010	1 Inch (25 mm)
015	1 1/2 Inches (40 mm)
020	2 Inches (50 mm)
030	3 Inches (80 mm)
040	4 Inches (100 mm)
060	6 Inches (150 mm)
080	8 Inches (200 mm)
100	10 Inches (250mm)
120	12 Inches (300mm)
Code	Wetted Materials
S	316L wrought stainless and CF-3M cast stainless
H	UNS N06022 wrought Nickel Alloy; CW2M cast Nickel Alloy <i>Note: See Table A-29 on page A-37</i>
Other wetted materials are available. Consult factory for details.	
Code	Flange or Alignment Ring Size
A1	ASME B16.5 (ANSI) RF Class 150
A3	ASME B16.5 (ANSI) RF Class 300
A6	ASME B16.5 (ANSI) RF Class 600
A7 ⁽¹⁾	ASME B16.5 (ANSI) RF Class 900
A8 ⁽²⁾	ASME B16.5 (ANSI) RF Class 1500
B1	ASME B16.5 (ANSI) RTJ Class 150 for flange-style only
B3	ASME B16.5 (ANSI) RTJ Class 300 for flange-style only
B6	ASME B16.5 (ANSI) RTJ Class 600 for flange-style only
B7 ⁽¹⁾	ASME B16.5 (ANSI) RTJ Class 900 for flange-style only
B8 ⁽²⁾	ASME B16.5 (ANSI) RTJ Class 1500 for flange-style only
C1	ASME B16.5 (ANSI) RF Class 150, smooth finish
C3	ASME B16.5 (ANSI) RF Class 300, smooth finish
C6	ASME B16.5 (ANSI) RF Class 600, smooth finish
C7 ⁽¹⁾	ASME B16.5 (ANSI) RF Class 900, smooth finish
D0	DIN PN 10 2526-Type D
D1	DIN PN 16 (PN 10/16 for wafer-style) 2526-Type D
D2	DIN PN 25 2526-Type D
D3	DIN PN 40 (PN 25/40 for wafer-style) 2526-Type D
D4	DIN PN 64 2526-Type D
D6	DIN PN 100 2526-Type D
D7 ⁽¹⁾	DIN PN 160 2526-Type D
G0	DIN PN 10 2512-Type N for flange-style only
G1	DIN PN 16 2512-Type N for flange-style only
G2	DIN PN 25 2512-Type N for flange-style only
G3	DIN PN 40 2512-Type N for flange-style only
G4	DIN PN 64 2512-Type N for flange-style only
G6	DIN PN 100 2512-Type N for flange-style only
G7 ⁽¹⁾	DIN PN 160 2512-Type N for flange-style only
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Code	Flange or Alignment Ring Size
H0	DIN PN 10 2526-Type E
H1	DIN PN 16 (PN 10/16 for wafer-style) 2526-Type E
H2	DIN PN 25 2526-Type E
H3	DIN PN 40 (PN 25/40 for wafer-style) 2526-Type E
H4	DIN PN 64 2526-Type E
H6	DIN PN 100 2526-Type E
H7 ⁽¹⁾	DIN PN 160 2526-Type E
J1	JIS 10K
J2	JIS 20K
J4	JIS 40K
Code	Sensor Process Temperature Range
N	Standard: -40 to 450°F (-40 to 232°C)
E	Extended: -330 to 800°F (-200 to 427°C)
Code	Conduit Entry
1	1/2 -14 NPT
2	M20 × 1.5
3	PG 13.5
Code	Outputs
D	4-20 mA digital electronics (HART [®] protocol)
P	4-20 mA digital electronics (HART [®] protocol) with scaled pulse
F ⁽³⁾	FOUNDATION fieldbus digital signal (Consult factory for availability.)
Code	Calibration
1	Flow calibration
Code	Options
	Multivariable Options
MTA ⁽⁴⁾	Multivariable output with Integral Temperature Sensor
	Hazardous Locations Certifications
E5	Factory Mutual (FM) Explosion Proof Approval
I5	Factory Mutual (FM) intrinsic Safety Approval
K5	Factory Mutual (FM) E5 and I5 Combination Approval
E6	Canadian Standards Association (CSA) Explosion Proof Approval
I6	Canadian Standards Association (CSA) Intrinsic Safety Approval
K6	Canadian Standards Association (CSA) E6 and I6 Combination Approval
KB	FM and CSA K5 and K6 Combination Approval
E1	ATEX Flameproof Approval
I1	ATEX Intrinsic Safety Approval
N1	ATEX Type n Approval
ND	ATEX Dust Approval
K1	ATEX E1, I1, N1, ND Combination Approval
E7	IECEX Flameproof Approval
I7	IECEX Intrinsic Safety Approval
N7	IECEX Type n Approval
K7	IECEX E7, I7, and N7 Combination Approval
E3	NEPSI Explosion Proof Approval
I3	NEPSI Intrinsic Safety Approval
K3	NEPSI E3 and I3 Combination Approval
	Plantweb Functionality
A01	Basic Control: One Proportional/Integral/Derivative (PID) Function Block
	Conduit Electrical Connector
GE ⁽⁵⁾	M12, 4-pin, Male Connector (<i>euromast</i> [®])
GM ^{Figure 5}	A size Mini, 4-pin, Male Connector (<i>minifast</i> [®])

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Options Continued	
Other Options	
M5	LCD indicator
P2	Cleaning for special services
C4 ⁽⁶⁾	NAMUR alarm and saturation values, high alarm
CN ⁽⁶⁾	NAMUR alarm and saturation values, low alarm
R10	Remote electronics with 10 ft (3,0 m) cable
R20	Remote electronics with 20 ft (6,1 m) cable
R30	Remote electronics with 30 ft (9,1 m) cable
RXX ⁽⁷⁾	Remote electronics with customer-specified cable length (up to 75 ft (23 m) maximum)
T1	Transient protection terminal block
V5 ⁽⁸⁾	External ground screw assembly
Certification Options	
Q4	Calibration data sheet per ISO 10474 3.1B and EN 10204 3.1
Q8	Material traceability certification per ISO 10474 3.1B and EN 10204 3.1
Q14 ⁽⁹⁾	German TRB 801 Nr.45 certification per ISO 10474 3.1B and EN 10204 3.1
Q25	NACE MR0103 Certificate of Compliance
Q69 ⁽¹⁰⁾	Inspection certificate weld examination (wafer) per ISO 10474 3.1B and EN 10204 3.1
Q70	Inspection certificate weld examination (flanged) per ISO 10474 3.1B and EN 10204 3.1
Q71	Inspection certification weld examination (flanged) per ISO 10474 3.1B (includes x-rays) and EN 10204 3.1
Code	Quick Installation Guide (QIG) Language Options (Default is English)
YA	Danish QIG
YB	Hungarian QIG
YC	Czech QIG
YD	Dutch QIG
YF	French QIG
YG	German QIG
YH	Finnish QIG
YI	Italian QIG
YN	Norwegian QIG
YO	Polish QIG
YP	Portuguese QIG
YR	Russian QIG
YS	Spanish QIG
YW	Swedish QIG
Typical Model Number: 8800D F 020 S A1 N 1 D 1 M5	

- (1) Available on flanged and dual style meters from 1/2" - 8" (15-200 mm) and Reducer style meters from 1" - 6" (25-150 mm).
- (2) Only available for stainless steel flange and dual style meters from 1" - 8" (25-200 mm).
- (3) Includes two analog input (AI) function blocks, 1 Integrator (INT) function block, and Backup Link Active Scheduler.
- (4) Available in Stainless Steel only. Available with Rosemount 8800DF from 2-in (50 mm) through 12-in. (300 mm). Available with 8800DR from 3-in (80 mm) through 12-in (300 mm). Not available with 8800DW or 8800DD. Not available with flange codes A7, A8, B7, B8, C7, C8, D7, D8, G7, G8, H7, H8. Not available with remote mount. Not available with FOUNDATION fieldbus.
- (5) Not available with certain hazardous location certifications. Contact a Rosemount representative for details.
- (6) NAMUR compliant operation and the alarm latch options are pre-set at the factory and cannot be changed to standard operation in the field.
- (7) XX is a customer specified length in feet.
- (8) V5 only available with no approval or E5, I5, K5, E6, I6, K6 and KB; it is standard with the other approvals.
- (9) Q14 is not available with flange codes A7, A8, B7, B8, C7, D7, G7, H7, 10in.-12in. meters, and 8800DR Reducer Vortex.
- (10) Q69 available for all Nickel Alloy C wafers and stainless steel wafers in line sizes 1/2-in. (15 mm), 6-in. (150 mm), and 8-in. (200 mm).