

G2 SERIES INTRINSICALLY SAFE

A full line of **FLOMEC® G2 Series Turbine Meters** are available in a variety of housing materials. Rugged and dependable, the G2 Series offers:

- Stainless Steel for most water and chemical products
- · Aluminum for fuels and petroleum-based products
- PVDF for aggressive chemicals

- Meter is designed for thin fluids < 100 cP
- Modular design allows for use with Output Modules, Sensors and Remote Display Kits
- 2 Totals (Batch Total = Resettable, Total = Non-Resettable);
 Rate of Flow, Factory calibrated in gallons or litres. Field calibratable. Includes non-volatile totals.
- · High accuracy meter
- · Internal parts are simple to replace for easy maintenance
- AAA Alkaline battery life: 2 years

PRODUCT CONFIGURATION

1 PRODUCT IDENTIFIER:

G2 = Industrial Grade Flowmeters

2 TURBINE MATERIAL:

- S = Stainless Steel
- $\mathbf{A} = Aluminum$
- **P** = PVDF (1/2 in. y 1 in. only)
- **X** = Electronics only (For metal meters)
- **Z** = Electronics only (For plastic meters)

3 TURBINE SIZE:

05 = $\frac{1}{2}$ in. **15** = 1- $\frac{1}{2}$ in. **07** = $\frac{3}{4}$ in. **20** = 2 in.

10 = 1 in.

APPLICATIONS

- Batching
- Blending
- Water
- · Industrial fluids
- Plating solutions
- Ammonium
- Food and beverage processing

- Fuel Products
- Monitoring clean fluids
- Plant process water
- · Chemical feed lines
- Harsh chemicals (sulfuric acid and bleach)

4 FITTING TYPE:

N = NPT (Female)

I = ISO (Female) BSPT (ISO 7 Designation is RC)

F = 150# ANSI Flange (Available on S10, S15 & S20 only)

T = Tri-Clamp Fitting (Available on S05, S07, S10, S15 & S20 only)

X = No Turbine Body

5 ELECTRONIC CHOICE:

Computer Display, Meter Mounted

Q9 = Q9 2-Button Computer

Q1 = Q9 2-Button Computer, Vertical Mount (90° Adapter)

Retrofit Computer Kit (Display Only

R9 = Q9 2-Button Computer Retrofit Kit (Replaces 09 Display)

No Electronics - Turbine Only **XX** = No Electronics - Turbine Only

6 CALIBRATION OF COMPUTER / DISPLAY:

GM = Gallons Per Minute (Gallons Default)

LM = Liters Per Minute (Litres Default)

GD = Gallons Per Minute (Gallons Default) with NIST Certificate

LD = Liters Per Minute (Litres Default) with NIST Certificate

XX = No Calibration

7 PACKAGING:

- A = 05 Thru 10 Turbines, Turbine Only or w/Q9 Electronics 05 Thru 20 Electronics Only (Q9 Replacement Kit or R9 Retrofit Kit)
- B = 15 & 20 Turbines, Turbine Only or w/Q9 Electronics 05 Thru 10 Turbines w/Q1 Electronics
- C = 15 Thru 20 Turbine w/Q1 Electronics
- D = 10 Turbines with ANSI Flange Turbine Only or w/Q9, Q1 Electronics
- **E** = 15 & 20 Turbines with ANSI Flange Turbine Only or w/Q9, Q1 Electronics

1 2 3 4 5 6 7 --->>> G2 S 15 N Q9 GM B



SPECIFICATIONS

Fitting Type:	e: NPT or ISO (Female) BSPT (ISO 7 designation is RC				RC)		
	150# ANSI ((S10, S15 y S20 only)					
	Tri-Clamp (S bigger than	stainless Steel only) - Fitting size is one size meter size					
Meter Sizes Ava	ailable:	1/2"	3/4"	1"	1-1/2"	2"	
Corresponding Tri-Clamp Fittin	g:	3/4"	1"	1-1/2"	2"	2-1/2"	
Housing Materi	al:	316 Ace	ero Inoxid	able, Alu	minio, P\	/DF	
Flow Range:	1/2" (05)	1 - 10 G	1 - 10 GPM (3.8		(3.8 - 38	(3.8 - 38 L/min)	
	1/2" (05) <i>PVDF Only</i>	1.2 - 12 GPM			(4.5 - 45 L/min)		
	3/4" (07)	2 - 20 G	2 - 20 GPM		(7.6 - 76 L/min)		
	1" (10)	5 - 50 GPM		(19 - 190 L/min)			
	1-1/2" (15)	10 - 100 GPM		(38 - 380 L/min)			
	2" (20)	20 - 200	GPM		(76 - 760 L/min)		
Accuracy (% of	Reading):	Turbine Only		Turbine w/Computer			
	1/2" (05)	± 2.0%			± 1.5%		
	3/4" (07)	± 1.5%			± 1.0%		
	1" (10)	± 1.5%			± 1.0%		
	1-1/2" (15)	± 1.0%			± 0.75%		
	2" (20)	± 1.0%			± 0.75%	ó	
Repeatability:		± 0.1% (PVDF is ± 0.3%)					

DIMENSIONS NOTE: Q9 Display adds 0.72 in. (18 mm) to height

Stainless Steel Models

	S05, ½ in.	S07, ¾ in.	S10, 1 in.	S15, 1½ in.	S20, 2 in.
A =	1.4 in.	1.6 in.	1.9 in.	2.6 in.	3.1 in.
Height	(35.6 mm)	(40.6 mm)	(48.3 mm)	(66.0 mm)	(78.7 mm)
B =	2.0 in.	2.0 in.	2.0 in.	2.7 in.	3.4 in.
Width	(50.8 mm)	(50.8 mm)	(50.8 mm)	(68.6 mm)	(86.4 mm)
C =	4.2 in.	4.3 in.	4.5 in.	5.3 in.	6.3 in.
Length	(106.7 mm)	(109.2 mm)	(114.3 mm)	(134.6 mm)	(160.0 mm)

Aluminum Models

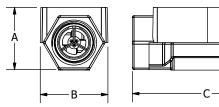
	A05, ½ in.	A07, ¾ in.	A10, 1 in.	A15, 1½ in.	A20, 2 in.
A =	1.8 in.	2.0 in.	2.2 in.	2.8 in.	3.2 in.
Height	(45.7 mm)	(50.8 mm)	(55.9 mm)	(71.1 mm)	(81.3 mm)
B =	2.0 in.	2.0 in.	2.0 in.	2.7 in.	3.3 in.
Width	(50.8 mm)	(50.8 mm)	(50.8 mm)	(68.6 mm)	(83.8 mm)
C =	4.2 in.	4.3 in.	4.5 in.	5.3 in.	6.3 in.
Length	(106.7 mm)	(109.2 mm)	(114.3 mm)	(134.6 mm)	(160.0 mm)

PVDF Models

	P05, ½ in.	P10, 1 in.
A =	3.2 in.	3.3 in.
Height	(81.3 mm)	(83.8 mm)
B =	2.1 in.	2.8 in.
Width	(53.3 mm)	(71.1 mm)
C =	7.3 in.	8.1 in.
Length	(185.4 mm)	(205.7 mm)

NOTE: For representation purpose only. Actual product models vary in shape, design, etc

ANSI Flange and Sanitary Flange dimensions not shown. For those dimensions, please refer to product manuals or our website FLOMECmeters.com.



Altor Fluinge 010 00		Tidingo Tidio
Sanitary Flange	316 SS	Limited by fitting, clamp size, & temperature
PVDF		100 psi (6.9 bar)
Operating Temp	perature	-40° F to 250° F (-40° C to 121° C)
Range:		(PVDF) -20° F to 180° F (-28° C to 82° C)
with Intrinsicall Display:	y Safe	0° F to +129° F (-18° C to +54° C)
Typical	1/2" (05)	2,500 PPG (660 Pulses/L)
K-Factor:	3/4" (07)	1,100 PPG (291 Pulses/L)
	1" (10)	565 PPG (149 Pulses/L)
	1-1/2" (15)	215 PPG (57 Pulses/L)
	2" (20)	100 PPG (26 Pulses/L)
Wetted	Housing:	316 Stainless Steel or Aluminum
Materials:	Bearings:	96% Alumina Oxide Ceramic
	Shaft:	Tungsten Carbide
	Rotor:	PVDF
	Rings:	316 Stainless Steel
Wetted	Housing:	PVDF (15% Carbon Fiber Filled)
Materials PVDF:	Bearings & Shaft:	98% Alumina Ceramic
	Rotor:	PVDF
	Rings:	Fluorocarbon (Optional PTFE)
Frequency Range:	1/2" (05)	42-420 Hz @ 1-10 GPM (3.8-38 L/min) / 45-450 Hz @ 1.2-12 GPM (4.5-45 L/min) (PVDF)
	3/4" (07)	37-370 Hz @ 2-20 GPM (7.6-76 L/min)
	1" (10)	47-470 Hz @ 5-50 GPM (19-190 L/min) / 45-475 Hz @ 5-50 GPM (19-190 L/min) (PVDF)
	1-1/2" (15)	36-360 Hz @ 10-100 GPM (38-380 L/min)
	2" (20)	33-330 Hz @ 20-200 GPM (76-760 L/min)
Calibration	Comes stan	dard with G2 Series meters.
Report:	N.I.S.T. – Ce	ertification available.

1,500 psi (102 bar) 300 psi (21 bar)

Flange Rule

ACCESSORIES

Pressure Rating: Stainless Steel 316 SS

ANSI Flange 316 SS

Aluminum

Part No.	Description
120077-01	FM Approved Sensor
120077-02	ATEX Approved Sensor
125260-02	90° Display Adaptor Kit

Part No.	Description
113275-10	FM Approved Remote Kit
125206-2	1/2 in. Teflon O-Ring for PVDF Meter (2)
125206-1	1 in. Teflon O-Ring for PVDF Meter (2)



















Wichita / Sydney

GREAT PLAINS INDUSTRIES

Service & Warranty: For technical assistance, warranty replacement or repair contact your FLOMEC® or GPI® distributor: In North or South America: 888-996-3837 / FLOMECmeters.com
Outside North or South America: +61 2 9540 4433 / FLOMECmeters.com



A full line of **FLOMEC® G2 Series Turbine Meters** are available in a variety of housing materials. Rugged and dependable, the G2 Series offers:

- · Stainless Steel for most non-volatile products
- · Aluminum for non-volatile petroleum-based products
- · PVDF for aggressive chemicals

G2 = Industrial Grade Flowmeters

P = PVDF (1/2 in. & 1 in. only)

H = High Pressure Stainless Steel

X = Electronics only (For metal meters)

Z = Electronics only (For plastic meters)

PRODUCT CONFIGURATION

G2 SERIES

SAFE AREA ONLY

1 PRODUCT IDENTIFIER:

2 TURBINE MATERIAL:

S = Stainless Steel

 $\mathbf{A} = Aluminum$

3 TURBINE SIZE:

4 FITTING TYPE:

 $05 = \frac{1}{2}$ in.

 $07 = \frac{3}{4}$ in.

10 = 1 in.

5 ELECTRONIC CHOICE:

Computer Display, Meter Mounted

AAA Alkaline battery life: 2 years

meters only (185° F/85° C)

and Remote Display Kits

calibratable. Includes non-volatile totals.

Q9 = Q9 2-Button Computer

· High accuracy meter

Q1 = Q9 2-Button Computer, Vertical Mount (90° Adapter)

H9 = Q9 2-Button Computer with High Temp Riser (185° F/85° C) [Available on stainless steel bodies only]

2 Totals (Batch Total = Resettable, Total = Non-Resettable); Rate of Flow, Factory calibrated in gallons or litres. Field

• Internal parts are simple to replace for easy maintenance

High temperature local display option for Stainless Steel

Computer Display & Module, Meter Mounted

P9 = Q9 2-Button Computer w/Pulse Out Module, includes External Power and 10 ft. of Cable

42 = Q9 2-Button Computer w/4-20mA Module and 10 ft. of Cable

Module, Meter Mounted (No Display)

PO = Pulse Out (Unscaled) Conditioned Signal Module w/Cable

QSI Options, Meter Mounted (No Display)

81 = QSI Version 1 (Scaled Pulse, RS485 [Modbus or BACnet], BTU Calculator, Bluetooth®)

82 = QSI Version 2 (Scaled Pulse, BTU Calculator, Bluetooth®)

83 = QSI Version 3 (Scaled Pulse, 4-20 mA, Bluetooth®)

Retrofit Computer Kit (Display Only)

R9 = Q9 2-Button Computer Retrofit Kit (Replaces 09 Display)

No Electronics - Turbine Only

XX = No Electronics - Turbine Only

N = NPT (Female) I = ISO (Female) BSPT (ISO 7 Designation is RC)

F = 150# ANSI Flange (Available on S10, S15 & S20 only)

15 = $1-\frac{1}{2}$ in.

20 = 2 in.

T = Tri-Clamp Fitting (Available on S05, S07, S10, S15 & S20 only)

X = No Turbine Body

APPLICATIONS

- Batching
- Blending
- Water
- Industrial fluids
- Plating solutions
- Ammonium

- Food and beverage processing
- Monitoring clean fluids
- · Plant process water
- Chemical feed lines
- Harsh chemicals (sulfuric acid and bleach)

6 CALIBRATION OF COMPUTER / DISPLAY:

GM = Gallons Per Minute (Gallons Default)

LM = Liters Per Minute (Litres Default)

GD = Gallons Per Minute (Gallons Default) with NIST Certificate

LD = Liters Per Minute (Litres Default) with NIST Certificate

XX = No Calibration

7 PACKAGING:

V = 05 Thru 10 Turbines, Turbine Only or w/Q9 Electronics 05 Thru 20 Electronics Only (Q9 Replacement Kit or R9 Retrofit Kit)

W = 15 & 20 Turbines, Turbine Only or w/Q9 Electronics 05 Thru 10 Turbines w/Q1 Electronics

X = 15 Thru 20 Turbine w/Q1 Electronics
 05 Thru 20 Turbines w/H9, P9, 42, PO Electronics
 05 Thru 20 Electronics Only (H9, P9 or 42 Electronics)

Y = 10 Turbines with ANSI Flange Turbine Only or w/Q9, Q1, H9, P9, 42, PO Electronics

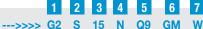
Z = 15 & 20 Turbines with ANSI Flange Turbine Only or w/Q9, Q1, H9, P9, 42, PO Electronics

10 Turbines with ANSI Flange w/81, 82, & 83 Electronics

F = 05 Thru 20 Turbines w/81, 82, & 83 Electronics

G = 15 & 20 Turbines with ANSI Flange w/81, 82, & 83 Electronics





SPECIFICATIONS

Fitting Type:	NPT or ISO	(Female)	BSPT (IS	O 7 desig	nation is	RC)	
	150# ANSI ((S10, S15 & S20 only)					
	Tri-Clamp (S bigger than) - Fitting	size is or	ne size	
Meter Sizes A	00	1/2"	3/4"	1"	1-1/2"	2"	
		1/2"	3/4"	1"	1-1/2"	2	
Correspondin Tri-Clamp Fitt		3/4"	1"	1-1/2"	2"	2-1/2"	
Housing Mate	rial:	316 Sta	inless Ste	el, Alumii	num, PVI	F	
Flow Range:	1/2" (05)	1 - 10 G	iPM	(3.8 - 38	3 L/min)		
	1/2" (05) <i>PVDF only</i>	1.2 - 12	GPM	(4.5 - 45	L/min)		
	3/4" (07)	2 - 20 G	iPM	(7.6 - 76	L/min)		
	1" (10)	5 - 50 GPM		(19 - 190 L/min)			
	1-1/2" (15)	10 - 100 GPM (38 - 380 L/min)		0 L/min)			
	2" (20)	20 - 200 GPM		(76 - 760 L/min)			
Accuracy (% o	f Reading):	Turbine Only Turb			w/Comp	uter	
	1/2" (05)	± 2.0%		± 1.5%			
	3/4" (07)	± 1.5%		± 1.0%			
	` '						
	1" (10)	± 1.5%		± 1.0%			
	` '	± 1.5% ± 1.0%		± 1.0% ± 0.75%	Ó		
	1" (10)						
Repeatability:	1" (10) 1-1/2" (15) 2" (20)	± 1.0% ± 1.0%	(PVDF is	± 0.75% ± 0.75%			
Repeatability:	1" (10) 1-1/2" (15) 2" (20)	± 1.0% ± 1.0%	(PVDF is	± 0.75% ± 0.75%			
	1" (10) 1-1/2" (15) 2" (20)	± 1.0% ± 1.0% ± 0.1%	(PVDF is	± 0.75% ± 0.75% ± 0.3%)			
Pressure Ration	1" (10) 1-1/2" (15) 2" (20)	± 1.0% ± 1.0% ± 0.1%	si (102 ba	± 0.75% ± 0.75% ± 0.3%)			
Pressure Ration Stainless Stee	1" (10) 1-1/2" (15) 2" (20) ng:	± 1.0% ± 1.0% ± 0.1% 1,500 ps 300 psi (si (102 ba	± 0.75% ± 0.75% ± 0.3%)			
Pressure Rational Stainless Stee Aluminum	1" (10) 1-1/2" (15) 2" (20) 2" (20) ng: 2 316 SS	± 1.0% ± 1.0% ± 0.1% 1,500 ps 300 psi (si (102 ba (21 bar) i (207 bar	± 0.75% ± 0.75% ± 0.3%)			
Pressure Ration Stainless Stee Aluminum High Pressure	1" (10) 1-1/2" (15) 2" (20) 2" (20) ng: 91 316 SS	± 1.0% ± 1.0% ± 0.1% 1,500 ps 300 psi (3000 psi Flange F	si (102 ba (21 bar) i (207 bar Rule	± 0.75% ± 0.75% ± 0.3%)		perature	

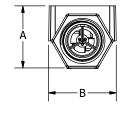
NOTE: Q9 Display adds 0.72 in. (18 mm) to height Stainless Steel (SS) and SS High Pressure Models **DIMENSIONS**

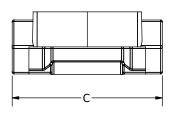
	S05 & H05	S07 & H07	S10 & H10	S15 & H15	S20 & H20
	½ in.	¾ in.	1 in.	1½ in.	2 in.
A =	1.4 in.	1.6 in.	1.9 in.	2.6 in.	3.1 in.
Height	(35.6 mm)	(40.6 mm)	(48.3 mm)	(66.0 mm)	(78.7 mm)
B =	2.0 in.	2.0 in.	2.0 in.	2.7 in.	3.4 in.
Width	(50.8 mm)	(50.8 mm)	(50.8 mm)	(68.6 mm)	(86.4 mm)
C =	4.2 in.	4.3 in.	4.5 in.	5.3 in.	6.3 in.
Length	(106.7 mm)	(109.2 mm)	(114.3 mm)	(134.6 mm)	(160.0 mm)

Aluminum Models

	A05, ½ in.	A07, ¾ in.	A10, 1 in.	A15, 1½ in.	A20, 2 in.
A =	1.8 in.	2.0 in.	2.2 in.	2.8 in.	3.2 in.
Height	(45.7 mm)	(50.8 mm)	(55.9 mm)	(71.1 mm)	(81.3 mm)
B =	2.0 in.	2.0 in.	2.0 in.	2.7 in.	3.3 in.
Width	(50.8 mm)	(50.8 mm)	(50.8 mm)	(68.6 mm)	(83.8 mm)
C =	4.2 in.	4.3 in.	4.5 in.	5.3 in.	6.3 in.
Length	(106.7 mm)	(109.2 mm)	(114.3 mm)	(134.6 mm)	(160.0 mm)

PVDF Models				
	P05, ½ in. P10, 1 in.			
A =	3.2 in.	3.3 in.		
Height	(81.3 mm)	(83.8 mm)		
B =	2.1 in.	2.8 in.		
Width	(53.3 mm)	(71.1 mm)		
C =	7.3 in.	8.1 in.		
Length	(185.4 mm)	(205.7 mm)		





Operating Ten	nperature	-40° F to 250° F (-40° C to 121° C)			
Range:		(PVDF) -20° F to 180° F (-28° C to 82° C)			
with Display:		0° F to 140° F (-18° C to 60° C)			
with Hi-Temp.	Riser (H9):	0° F to 185° F (-18° C to 85° C) See Temp. Chart in Q9 Non-Agency Manual			
Typical	1/2" (05)	2,500 PPG (660 Pulses/L)			
K-Factor:	3/4" (07)	1,100 PPG (291 Pulses/L)			
	1" (10)	565 PPG (149 Pulses/L)			
	1-1/2" (15)	215 PPG (57 Pulses/L)			
	2" (20)	100 PPG (26 Pulses/L)			
Wetted	Housing:	316 Stainless Steel or Aluminum			
Materials:	Bearings:	96% Alumina Oxide Ceramic			
	Shaft:	Tungsten Carbide			
	Rotor:	PVDF			
	Rings:	316 Stainless Steel			
Wetted	Housing:	PVDF (15% Carbon Fiber Filled)			
Materials PVDF:	Bearings & Shaft:	98% Alumina Ceramic			
	Rotor:	PVDF			
	Rings:	Fluorocarbon (Optional PTFE)			
Frequency Range:	1/2" (05)	42-420 Hz @ 1-10 GPM (3.8-38 L/min) / 45-450 Hz @ 1.2-12 GPM (4.5-45 L/min) (PVDF)			
	3/4" (07)	37-370 Hz @ 2-20 GPM (7.6-76 L/min)			
	1" (10)	47-470 Hz @ 5-50 GPM (19-190 L/min) / 45-475 Hz @ 5-50 GPM (19-190 L/min) (PVDF)			
	1-1/2" (15)	36-360 Hz @ 10-100 GPM (38-380 L/min)			
	2" (20)	33-330 Hz @ 20-200 GPM (76-760 L/min)			
Calibration	Comes stan	dard with G2 Series meters.			
Report:	N.I.S.T. – Ce	. – Certification available.			

ACCESSORIES

Part No	ο.	Description	
113435-10		Conditioned Signal Module	
125060-	10	Pulse Out, External Power, Scaled Pulse Module	
125100-	10	4-20 mA Module	
125260-0	02	90° Display Adaptor Kit	

Part No.	Description	
113275-10	FM Approved* Remote Kit	
125206-2	1/2 in. Teflon O-Ring for PVDF Meter (2)	
125206-1	1 in. Teflon O-Ring for PVDF Meter (2)	
125527-01	Q9 Hi-Temp Riser Kit	

*Does not make Non-FM Approved meters FM Approved

APPROVALS

(E

NEMA

IP65

NOTE: For representation purpose only. Actual product models vary in shape, design, etc.

ANSI Flange and Sanitary Flange dimensions not shown. For those dimensions, please refer to product manuals or our website FLOMECmeters.com.



SPECIFICATIONS

Standard Factory Configuration:	2 Totals (1 Resettable, 1 Cumulative); Factory Calibration in gallons or litres; User Calibration and Rate of Flow Indication		
Display Electronics:	Q9 Electronics can be used on G2, TM, A1, and QSE Series Meters		
Totalizing Registers:	Cumulative and Batch		
K-Factor Limits:	Min: 0.001 pulses/unit; Max: 999,999 pulses/unit		
Field Calibration:	Field calibrate by user methods: K-factor entry Correction Factor (% Adjust) Dispense Display		
Readout Totals:	LCD with floating decimal: Minimum Display = 0.001 units; Maximum Display = 999,999 x 100 units (6 digits)		
Input Pulse Rate:	Frequency Range is 0.25 Hz - 3 kHz		
Turbine Display:			
Internal Power Supply:	2 Alkaline AAA batteries at 1.5 volts each		
Alkaline Battery Life:	Typically 2 Years		
Temperatures:			
Operating Temperature (FM/ATEX Approved Meters):	0° F to +129° F (-18° C to +54° C)		
Operating Temperature (Non-Approved Meters):	0° F to +140° F (-18° C to +60° C)		
Storage Temperature:	-40° F to +158° F (-40° C to +70° C)		

APPROVALS**

Select A1 & G2 models*















Q9 DISPLAY

The Q9 is the latest version of the popular FLOMEC computer display. It incorporates many of the most requested features over the years including low battery indication and the ability to display custom units with a name label. Optional plug-in daughterboards for 4-20mA, scaled pulse, and external power supply are easily added as original equipment or as a retrofit in the field. All of the daughterboard parameters are addressable through the two buttons on the Q9 display. An additional new feature is the ability to display velocity as well as rate and totals. Packaged in the same form as the familiar FLOMEC display, the Q9 operates on two AAA batteries with approximately 2 years of operation and maintains all of the same intrinsically safe approvals of past products.

FEATURES / BENEFITS

- Highly Visible LCD characters against a yellowtinted background
- Many Field Configurable options for ease of operation including diagnostic mode and custom unit name
- · Easily retrofit to most existing FLOMEC turbines
- Maximum versatility with optional pre-configured plug-in daughterboards to supply 4-20mA and Scaled Pulse
- Convenient Battery Power Level indication with automatic low battery warning
- Safety first design with FM Class 1, Div 1; ATEX; IECex; cFM; CE approvals on select A1 and G2 models
- Providing operator consistency for all of your meters, the Q9 can be used with G2, TM, A1, and QSE Series Meters
- Ultimate ease of operation with permanent preprogrammed 5 point factory calibration
- Accommodates a wide range of technical expertise with 3 Field calibration methods (K-Factor, Correction Factor or Dispense Display)
- For simple Plug and Play installation, the Q9 is factory calibrated set to display Cumulative Total, Re-Settable Batch Total and Rate

USER CONFIGURATION

- PIN Protected, four-digit user selectable
- 11 pre-programed engineering units and one userconfigurable custom unit
- Alphanumeric information line for on-screen instructions and custom unit name
- Four pre-programmed, user-selectable time bases (Day, Hour, Min., Sec.)
- · Configurable screen update frequency
- · A user-selectable low-frequency filter
- Field Calibration is retained when switched to Factory Cal so you can have two accessible calibrations available
- Three field calibration methods available (1 point Dispense Display, 5 point Correction Factor, 5 point K-Factor)
- · Diagnostic mode shows % battery life remaining

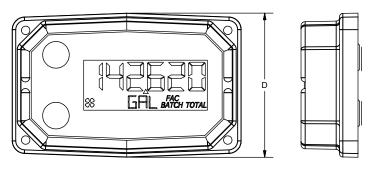
*See A1 & G2 Data Sheets for models that qualify for approvals.
**All Q9 Displays have the CE approval.

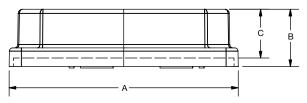
OTHER ELECTRONICS OPTIONS†

- **P9** = Pulse Output Module installed between the local display and the meter body
 - Provides a Scaled NPN Open Collector Pulse
 - Can provide External Power to the local display
 - Comes with 10 ft. of installed cable
- **42** = 4-20 mA Module installed between the local display and the meter body
 - Provides a 4-20 mA signal
 - Provides a Scaled NPN Open Collector Pulse
 - Can provide External Power to the local display
 - Comes with 10 feet of installed cable
- PO = Pulse Output Module installed in place of the display (blind meter)
 - Provides an Unscaled NPN Open Collector Pulse
- **R9** = Replacement Q9 Computer Display for a meter body that has an old 09 display¹
 - Comes with the extra parts required to retrofit a Q9 display in place of an 09 display

DIMENSIONS

Length "A"	Height "B"	Height (Mounted) "C"	Width (Widest Point) "D"
3.40 in.	0.85 in.	0.72 in.	2.14 in.
(8.6 cm)	(2.1 cm)	(1.8 cm)	(5.4 cm)





[†]Separate data sheets available.

¹ FM/ATEX Approved when replacing a FM/ATEX Approved 09 display on a FM/ATEX Approved A1 or G2 meter.