

ControlWave GFC FLOW COMPUTER
 USING THE "EXPRESS" PLATFORM



CWM-GFC-T4

(PC 835)

MODEL & SEG	SPEC SHEET	DESCRIPTION	APPROVAL	SELECT
A B C		Integral Sensor Assembly - Either Gauge Pressure or DP/P		A B C
10		No Integral Sensor Assembly	UL	000
		Gauge Pressure Sensor URL		
		300" H ₂ O	UL	014
		25 psi	UL	020
		100 psi	UL	022
		300 psi	UL	023
		1000 psi	UL	025
		2000 psi	UL	028
		DP/P Sensors - DP URL / Static Pressure URL (gauge units) (Note 1)		
		150" H ₂ O / 1000 psi	UL	121
		150" H ₂ O / 2000 psi	UL	122
		300" H ₂ O / 1000 psi	UL	141
		300" H ₂ O / 2000 psi	UL	142
		300" H ₂ O / 4000 psi	UL	144
	25 PSID / 2000 psi	UL	202	
	25 PSID / 4000 psi	UL	204	
D		DP/P Flange Orientation - Location of static pressure sensor (Note 2)		D
20		Not Applicable - Enter "0" here if a gauge pressure sensor or no sensor is used.	UL	0
		Upstream on the Left (Standard)	UL	1
		Upstream on the Right	UL	2
E		Integral Enclosure and LCD/Keypad (Note 3)		E
30		7½" x 11¾" Lexan with LCD only , no Keypad	UL	1
		7½" x 11¾" Lexan, LCD, 2 Keys	UL	2
		7½" x 11¾" Lexan, LCD, 25 Keys	UL	3
<p>Model Number: CWM-GFC-T4 - <u>A</u> <u>B</u> <u>C</u> - <u>D</u> <u>E</u> <u>F</u> - <u>G</u> <u>H</u> <u>J</u> - <u>K</u> <u>L</u> <u>M</u> - <u>N</u> <u>O</u> - <u>P</u> <u>Q</u> <u>R</u> - <u>S</u></p> <p>Note 1: The standard program does not necessarily require the integral sensor assembly. It allows the user to select the integral sensor assembly or an external transmitter.</p> <p>Note 2: Please make sure a DP/P sensor is specified in 'ABC' above.</p> <p>Note 3: Works with any LCD/keypad.</p>				

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MODEL & SEG	SPEC SHEET	DESCRIPTION	APPROVAL	SELECT
F		Mounting Hardware		F
40		Process Mount - No Extra Hardware is Included - for DP/P sensor assemblies only	UL	0
		Pole Mount - Includes wall-mount and 2" pole-mount Hardware	UL	1
G		Processor/Main Electronics Board Selection		G
50		14 Mhz, 5-18 Vdc, with Wet End interface	UL	3
		33 Mhz with Wet End interface and Ethernet	UL	4
H		Application Program		H
60		None	UL	0
		Base 2 Run Measurement Application	UL	1
		TeleFlow Emulator	UL	3
J		Power System		J
70		None - External Power Source is Necessary	UL	1
		7.2 V Lithium Battery, Single	UL	2
		7.2 V Lithium Battery, Dual	UL	3
		6 V, 7 AH Lead Acid Cell Battery and 6 V, 1 W Solar Panel System	UL	4
		6 V, 7 AH Lead Acid Cell Battery and 6 V, 6.5 W Solar Panel System	UL	5
		12 V, 7 AH Lead Acid Cell Battery and 12 V, 4.5 W Solar Panel System	UL	6
		12 V, 7 AH Lead Acid Cell Battery (No Solar Panel System)	UL	7
K		Hazardous Area Certification		K
80		Class I, Division 2 Non-incendive (UL/CUL - NI)	UL	1
L		Bendable RTD (Note 1)		L
90		None	UL	0
		With RTD, 6 Foot Cable Length	UL	1
		With RTD, 15 Foot Cable Length	UL	2
		With RTD, 25 Foot Cable Length	UL	3
M		Thermowell Options for RTD		M
100		None	UL	0
		With Thermowell, 2 1/2" Insertion Length	UL	1
		With Thermowell, 4 1/2" Insertion Length	UL	2
		With Thermowell, 7 1/2" Insertion Length	UL	3
Model Number: CWM-GFC-T4 - A B C - D E F - G H J - K L M - N O - P Q R - S				
Note 1: For the temperature input, the std. load allows the user to select this RTD or an external transmitter.				

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MODEL & SEG	SPEC SHEET	DESCRIPTION	APPROVAL	SELECT
N		I/O Configuration		N
110		Base 2 DI / PI (Pulse Input) Only - No I/O Card is Included	UL	0
		Base + 2DI/DO, 4DI, 2DO, 2HSC (Note 1)	UL	4
		Above + 3 AI (Note 1)	UL	5
		Full I/O: Above + 1 AO	UL	6
O		Radio Cable/Mounting Hardware and Polyphaser Option		O
120		No Radio, No Radio Ready	UL	0
		Without Polyphaser (Note 2)	UL	1
		With Polyphaser (Note 2)	UL	2
P Q R		Radio or Modem Option (Note 3)		P Q R
130		None	UL	000
		Dial-line Modem (Cermetek) (Note 4)	UL	001
		Standard FreeWave Radio (Note 5)	UL	103
		Standard FreeWave Radio Ready (Note 5)	UL	104
		Standard MDS Transnet Radio (Note 6)	UL	201
		Standard Transnet Radio Ready (Note 6)	UL	202
		Standard MDS 9810 Radio with Diag	UL	301
		Standard MDS 4710A Radio with Diag	UL	310
		Standard MDS 4710B Radio with Diag	UL	311
		Standard MDS 9710A Radio with Diag	UL	320
		Standard MDS 9710B Radio with Diag	UL	321
		Standard MDS 4710 A/B, 9710 A/B, 9810 Radio Ready	UL	322
		Standard MDS 4710 A/B, 9710 A/B, 9810 for RSSI compatibility, Radio Ready	UL	323
		Standard MDS EntraNet Radio Ready	UL	404
	Standard MDS iNet 900 Radio Ready	UL	423	
S		Conformal Coat PCBs		S
170		No Conformal Coating	UL	0
		Conformal Coat PCBs	UL	1

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Note 1: Works with any I/O configuration; I/O is not necessarily required.

Note 2: Be sure to specify a "1" or "2" here if a radio or radio-ready is selected in 'PQR' below!

Note 3: Modem & Radio options are available only with 12 V power systems listed in segment 70 section J '6' & '7'

Note 4: Please be sure selection "O," above, = 1.

Note 5: All radios are located on the Radio Bracket in the flow computer enclosure.

Note 6: Works with either the modem or any radio.

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