

SmartLine® VersaFlow Coriolis 6000 CM71 Size 08 Stainless Steel or Hastelloy C

Model Selection Guide with Price data

Model Selection Guide
36-CM-16-39 Issue 7

Honeywell Proprietary

- Broad Range of Operating Temperatures
- Wide Range of Gas Applications
- Excellent zero stability
- Low energy consumption, low operating and installation costs
- Rapid signal processing even with product and temperature changes and sudden changes in density
- Modular electronics concept: electronics and sensor easy to replace



Instructions

Select the desired key number. The arrow to the right marks the selection available.
Make the desired selections from Tables I through VIII using the column below the proper arrow. A dot (•) denotes availability.

Table	I	II	III	IV	V	VI	VII	VIII	IX
CM71	4	-----	-	--	--	-----	-	--	-

List Price equals the sum of prices for all selections made.

KEY NUMBER	Description	Selection	Availability
CM71	Coriolis 6000 DN08	CM71	↓

TABLE I

Sensor		4	*
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TABLE II

Tube Material	316 / 316 L Dual certified Stainless Steel Hastelloy C22	S	*
Surface Finish	Standard	H	*
		0	*
Flange connection size	DN 10 PN 40 to DIN 2501 (available in SS only)	-- A	i
	DN 10 PN 100 to DIN 2501 (available in SS only)	-- A	i
	DN 15 PN 40 to DIN 2501	-- B	*
	DN 15 PN 100 to DIN 2501	-- B	*
	DN 15 PN 160 to DIN 2501 (Tube material C-22 only)	-- B	*
	1/2" ANSI 150 lb	-- K	c
	1/2" ANSI 300 lb	-- K	c
	1/2" ANSI 600 lb	-- K	c
	1/2" ASME 1500 lb (Tube material C-22 only)	-- K	d
	10 A JIS 20 K (available in SS only)	-- T	h
15 A JIS 20 K	-- U	n	

TABLE III

Sealing face	Standard (Type B1 for PN 40 and Type B2 for PN 63)	0	*
	EN 1092-1 Type C with tongue	C	*
	EN 1092-1 Type D with groove	D	*
	RTJ Acc ASME B16.5 (available with ASME 300lb & above)	E	s
	EN 1092-1 Type E with tongue	G	*
	EN 1092-1 Type F with groove	H	*

TABLE IV

Design	Short Stem (max range -200 degc to +150 degc)	0	r
	Extended Stem (max range -200 degc to +230/400 degc)	K	*
Options	None	-0	*
	Insulation casing only (standard / high temp) Not available for design option '0'	-1	*
	Insulation casing only (cryogenic / low temperature)(available in SS only/not available for design option '0')	-2	f
	Liquid/steam heating jacket DN15 PN40 (10barg at 230°C, 5barg at 400°C/not for design option '0')	-3	*
	Liquid/steam heating jacket 1/2" ASME 150# (10barg at 230°C, 5barg at 400°C/not for design option '0')	-5	*
	Purge fittings 1/2" NPT-F	-A	*

TABLE V

Hazardous Area Approvals	None	0	*
	ATEX Ex ia (T1-T6)	1	*
	IEC Ex ia (T1-T6)	R	*
	cFMus Class 1 Div 1 (USA standards)	T	*
	cFMus (Canadian Standards) / Dual seal for liquids'	U	*
	cFMus (Canadian Standards) / Dual seal for gases'	V	*
Hygienic/Sanitary Approvals	None	-0	*
	NACE according to MRO175 / ISO 15156 and MRO103	-N	*

The minimum value of orders acceptable for Honeywell is USD 500. Handling fee is the amount of the difference between USD 500 and the actual purchase price.

TABLE VI

		Selection	Availability
Configuration	Compact/integral mount (max 230°C)	0 _ _ _	*
	Remote/field mount Alu Junction box (Alu or SS mandatory for Cryogenic or High Temperature)	1 _ _ _	*
	Remote/field mount SS Junction box (Alu or SS mandatory for Cryogenic or High Temperature)	2 _ _ _	*
Calibration	3 point mass flow calibration	_ 0 _ _	*
	5 point mass flow calibration	_ 1 _ _	*
	3 point volume flow calibration	_ 3 _ _	*
	5 point volume flow calibration	_ 4 _ _	*
	0 + custom density calibration with water at 3 temps. + certificate	_ A _ _	*
	1 + custom density calibration with water at 3 temps. + certificate	_ B _ _	*
	1 + UKAS calibration certificate	_ D _ _	*
Process Requirements	4 + UKAS calibration certificate	_ E _ _	*
	5 point mass flow 0.05% calibration + UKAS certificate (CT Calibration)	_ R _ _	*
	5 point mass flow 0.05% calibration with volume acc. ISO10790 + UKAS certificate (CT Calibration)	_ S _ _	*
	None	_ _ 0 _	*
Extended Options	Degreasing wetted parts plus certificate	_ _ 1 _	*
	Cryogenic (-200°C to 40°C/-328°F to 104°F)	_ _ C _	g
	Cryogenic with Degreasing (C+1)	_ _ D _	g
	High Temperature (-50°C to 400°C/-58°F to 752°F) (remote conv'tr & insulation/heat. jacket only)	_ _ T _	h
No Selection	None	_ _ _ 0	*
		_ _ _ 1	*
		_ _ _ G	*

TABLE VII

No Selection	None	V	*
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TABLE VIII

Converter Type	TWC 9400 Compact Mount (Not for High Temperature)	Requires a separate MSG# to be entered. Either	6 _	q
	TWC 9400 Field Mount	CM96 or CM97	7 _	t
Destination	Other		_ 0	*

TABLE IX

Functional Safety	Without	0	*
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RESTRICTIONS

Restriction Letter	Available only with		Not available with	
	Table	Selection	Table	Selection
b	II	H _ _ _		
		_ 0 _ _		
c	II	_ 0 _ _		
	III	0, E		
d	II	H _ _ _		
	II	_ 0 _ _		
	III	0, E		
f	II	S _ _ _	IV	0 _
			VI	0 _
			VI	_ 0 _ _ 1 _
g			IV	1, 3, 5
		1 _ _ _ 2 _ _ _	IV	0
h	VI		IV	_ 0, _ A
i	II	S _ _ _		
		_ 0 _ _		
j	II	_ 0 _ _		
		_ 0 _ _		
n	II	_ 0 _ _		
	III	0		
o	II	S _ _ _		
	II	_ 0 _ _		
	III	0		
q	VI	0 _ _ _	VI	_ _ T _
			IV	_ 1, 2, 3, 5
r			IV	_ 1, 2, 3, 5
s	II	_ _ KE, _ _ KF, _ _ K2		
t			VI	0 _ _ _

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