

SmartLine® VersaFlow Coriolis 6000 CM75 Size 50 Stainless Steel or Hastelloy C

Model Selection Guide with Price Data

Model Selection Guide
36-CM-16-43 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
CM75	4	----	-	--	--	----	-	--	-

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

KEY NUMBER	Description	Selection	Availability
CM75	Coriolis 6000 DN50	CM75	↓

TABLE I

Sensor	Selection	Availability
	4	*

TABLE II

Tube Material	Description	Selection	Availability
316 / 316 L Dual certified Stainless Steel		S	*
Hastelloy C22		H	*
Surface Finish	Standard	0	*
Flange connection size	DN 40 PN 40 to DIN 2501 (available in SS only)	DA	i
	DN 40 PN 100 to DIN 2501 (available in SS only)	DC	i
	DN 50 PN 40 to DIN 2501	EA	*
	DN 50 PN 63 to DIN 2501	EB	*
	DN 50 PN 100 to DIN 2501	EC	*
	DN 50 PN 160 to DIN 2501 (Tube material C-22 only)	E4	b
	1 1/2" ANSI 150 lb (available in SS only)	ND	n
	1 1/2" ANSI 300 lb (available in SS only)	NE	n
	1 1/2" ANSI 600 lb (available in SS only)	NF	n
	2" ANSI 150 lb	PD	c
	2" ANSI 300 lb	PE	c
	2" ANSI 600 lb	PF	c
	2" ANSI 1500 lb (Tube material C-22 only)	P2	d
	40 A JIS 20 K (available in SS only)	WH	k
50 A JIS 10 K (High temperature applications limited to 300°C/572°F)	XG	o	
50 A JIS 20 K	XH	o	

TABLE III

Sealing face	Description	Selection	Availability
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	Description	Selection	Availability
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)	1	*
	Insulation casing only (cryogenic / low temperature)	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	*

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 V

		Selection	Availability
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' cFMus (Canadian Standards) / Dual seal for gases'	U _ V _	* *
Hygienic/Sanitary Approvals	None NACE according to MRO175 / ISO 15156 and MRO103	_0 _N	* *

TABLE VI

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 _ _	*
	4 + UKAS calibration certificate	_E _ _	*
	10 point mass flow calibration bi-directional + UKAS certificate (CT meter Calibration)	_K _ _	*
	10 point volume flow calibration bi-directional + UKAS certificate* (CT meter Calibration)	_L _ _	*
Process Requirements	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 _	*
	Degreasing wetted parts plus certificate	_ _ 1 _	*
Extended Options	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
Extended Options	None	_ _ _ 0	*
	Without for gas applications below 10 bar (not for cFMus)	_ _ _ 1	*
	Burst Disk for Gas applications (mandatory for cFMus and all gas applications above 10bar)	_ _ _ G	*

TABLE VII

No Selection	None	V	*
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TABLE VIII

Converter Type	TWC 9400 Compact Mount (Not for High Temperature) TWC 9400 Field Mount	Requires a separate MSG# to be entered. Either CM96 or CM97	
Destination	Other	6 _ 7 _	q t
		_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 _ _ _		
c	III	0, E		
d	II	H _ _ _		
	III	0, E		
f	II	S _ _ _	IV	0
			VI	0
			VI	0, _ 1
g			IV	1, 3, 5
h	VI	1 _ _ _ 2 _ _ _	IV	0
			IV	0, A
i	II	S _ _ _		
k	II	S _ _ _		
	III	0		
n	II	S _ _ _		
	III	0, E		
o	III	0		
q	VI	0 _ _ _		
r			VI	_ _ T _
			IV	_1, _2, _3, _5
s	II	_ _ NE, _ _ NF, _ _ PE, _ _ PF, _ _ P2		
t			VI	0 _ _ _