

SmartLine® VersaFlow Coriolis 6000 CM76 Size 80 Stainless Steel or Hastelloy C

Model Selection Guide with Price Data

Model Selection Guide
36-CM-16-44 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
CM76	4	-----	-	--	--	-----	-	--	-

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

KEY NUMBER	Description	Selection	Availability
CM76	Coriolis 6000 DN80	CM76	↓

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 _ _	*
	DN 50 PN 40 to DIN 2501 (available in SS only)	_ _ E A	i
	DN 50 PN 63 to DIN 2501 (available in SS only)	_ _ E B	i
	DN 50 PN 100 to DIN 2501 (available in SS only)	_ _ E C	i
	DN 80 PN 16 to DIN 2501	_ _ F 7	*
	DN 80 PN 40 to DIN 2501	_ _ F A	*
	DN 80 PN 63 to DIN 2501	_ _ F B	*
	DN 80 PN 100 to DIN 2501	_ _ F C	*
	DN 80 PN 160 to DIN 2501 (Tube material C-22 only)	_ _ F 4	b
	2" ANSI 150 lb (available in SS only)	_ _ P D	n
	2" ANSI 300 lb (available in SS only)	_ _ P E	n
	2" ANSI 600 lb (available in SS only)	_ _ P F	n
	3" ANSI 150 lb	_ _ R D	c
	3" ANSI 300 lb	_ _ R E	c
	3" ANSI 600 lb	_ _ R F	c
	3" ANSI 900 lb (Tube material C-22 only)	_ _ R 1	d
	3" ANSI 1500 lb (Tube material C-22 only)	_ _ R 2	d
	50 A JIS 10 K (available in SS only) (High temperature applications limited to 300°C/572°F)	_ _ X G	k
	50 A JIS 20 K (available in SS only)	_ _ X H	k
	80 A JIS 10 K (High temperature applications limited to 300°C/572°F)	_ _ Y G	o
	80 A JIS 20 K	_ _ Y H	o

TABLE III

Sealing face	Standard	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 300 lb and above)	E	s
	EN 1092-1 Type E with tongue	G	*
	EN 1092-1 Type F with groove	H	*

TABLE IV

Design	Short Stem (maximum range -200°C to +150°C)	0 _	r
	Extended stem (maximum range -200°C to +230°C/400°C)	K _	*
	None	_ 0	*
	Insulation casing only (standard / high temp)	_ 1	*
	Insulation casing only (cryogenic / low temperature)	_ 2	f
	Liquid/steam heating jacket DN15 PN40 (10 barg at 230°C/446°F, 5 barg at 400°C/752°F)	_ 3	*
	Liquid/steam heating jacket 1/2" ASME 150# (10 barg at 230°C/446°F, 5 barg at 400°C/752°F)	_ 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'	U _	*
	cFMus (Canadian Standards) / Dual seal for gases'	V _	*
Hygienic/Sanitary Approvals	None	_0	*
	NACE according to MRO175 / ISO 15156 and MRO103	_N	*

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	Standard 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	Standard	_ _ 0 _	*
	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
Extended Options	Without	_ _ _ 0	*
	Without for gas applications below 10 bar (not for cFMus)	_ _ _ 1	m
	Burst Disk for Gas applications (mandatory for cFMus and all gas applications above 10 barg)	_ _ _ G	*

TABLE VII

		Selection	Availability
No Selection	None	V	*

TABLE VIII

		Selection	Availability
Converter Type	TWC 9400 Compact Mount (Not for High Temperature) Requires a separate MSG# to be entered. Either CM96 or CM97	6 _	q
	TWC 9400 Field Mount	7 _	t
Destination	Other	_0	*

TABLE IX

		Selection	Availability
Functional Safety	Without	0	*

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		
m			VI	_K_ _L_
n	II	S _ _ _		
	III	0,E		
o	III	0		
q	VI	0 _ _ _		
			VI	_ _ T_
r			IV	_1_ _2_ _3_ _5
s	II	_ _ PE, _ _ PF, _ _ RE, _ _ RF, _ _ R1, _ _ R2		
t			VI	0 _ _ _

