


 Sensors for ultrasonic flowmeters "TIME DELTA SERIES" model FLW/FLY		Coulton Price List January 2009 Edition
Name: P. NOUHEN Visa: 	Name: M.NARCHE Visa: 	 Fuji Electric Instrumentation & Control
EDITING	APPROVAL	DATE





Standard type (for FSV, FLV(3) and FLH(3) converters) :

DESCRIPTION	CODE																Price £ FOB Japan
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
MODEL CODE Sensor for Time Delta ultrasonic flowmeter	F	L	W					2	-	Y	Y						
TYPE																	Base
Small sensor (50 to 400mm) 2 MHz				1	2	0											£804
Small sensor (50 to 400mm) 1 MHz				1	1	0											£804
Middle sensor (200 to 1200mm) 1 MHz				4	1	0											£1,708
Large sensor (200 to 6000mm) 1 MHz				5	1	0											£2,727
Large sensor (200 to 6000mm) 0.5 MHz				5	0	0											£2,727
OPTION																	
None									Y								£0
Tag, Name Plate									A								£32
COAXIAL CABLE																	
None									2	-	Y						£0
VERSION																	
Standard											Y						£0
MOUNTING METHOD																	
Standard												Y					£0
Z-method (for FLW12 & FLW11 only)															2		£253

Note : Please order the cable length with model of FLY (model FLY8 for FSV, FLY1 for FLV and FLH).

Submerged-proof (for FSV, FLV(3) and FLH(3) converters) :

DESCRIPTION	CODE																Price £ FOB Japan
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
MODEL CODE Sensor for Time Delta ultrasonic flowmeter	F	L	W					2	-	Y							
TYPE																	Base
Small sensor (50 to 400mm) submerged type 2 MHz				1	2	1											£1,019
Small sensor (50 to 400mm) submerged type 1 MHz				1	1	1											£1,019
Middle sensor (200 to 1200mm) submerged type 0.5 MHz				4	1	1											£1,923
Large Large sensor (200 to 6000mm) submerged type 1 MHz				5	1	1											£2,887
Large Large sensor (200 to 6000mm) submerged type 0.5 MHz				5	0	1											£2,887
OPTION																	
None									Y								£0
Tag, Name Plate									A								£32
COAXIAL CABLE																	
10 meters									2	-	B						£326
20 meters									2	-	C						£543
30 meters									2	-	D						£750
40 meters									2	-	E						£961
50 meters									2	-	F						£1,172
60 meters									2	-	G						£1,385
70 meters									2	-	H						£1,596
80 meters									2	-	J						£1,807
90 meters									2	-	K						£2,018
100 meters									2	-	L						£2,231
110 meters									2	-	M						£2,442
120 meters									2	-	N						£2,653
130 meters									2	-	P						£2,866
140 meters									2	-	Q						£3,077
150 meters									2	-	R						£3,288
Others									2	-	Z						Contact us
VERSION																	
Standard											Y						£0
MOUNTING METHOD																	
Standard												Y					£0
Z-method (for FLW12 & FLW11 only)															2		£253
CONVERTER																	
Use with FLH															0		£0
Use with FSV															1		£0

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Small diameter and middle temperature type (for FSV only)





DESCRIPTION	CODE																Price £ FOB Japan
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
TYPE Export Standard	F	L	S	E				2	-	Y							Base £725
VERSION Standard				E													£725
KIND OF DETECTOR Small diameter (for 25 to 100mm) / 2 MHz signal / V method Small size detector (for 50 to 225mm) / 2 MHz signal / V method					1	2											Base £725
ACOUSTIC COUPLER None Silicon rubber Silicon-free (Note 1)						Y											Add £0 £66 £119
MODIFICATION N° Version							2										£0
FLUID TEMPERATURE RANGE -20 to 100 Deg C 0 to 120 Deg C (Note 2)									Y								£0 £157
OPTION None Tag Plate										Y							£0 £119

Note 1 Not applicable for 9th code "A".
Note 2 High temperature sensor (9th code "A") cannot be used with M-Flow converter (model FLR)
Note 3 Please order separately the cables (model FLY3 for FSV).

Small diameter (for FSV and FLV(3) converters) and High temperature type (for FSV, FLV(3) and FLH(3) converters) :

DESCRIPTION	CODE																Price £ FOB Japan
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
MODEL CODE Sensor for Time Delta ultrasonic flowmeter	F	L	D				S	1	-	Y							Base £1,019
TYPE Small diameter sensor (13 to 50mm) High temperature sensor (50 to 400mm)				2	2	0											£5,565
VERSION Standard							S										£0
CONVERTER For FLV or FLH converter									1								£0
COAXIAL CABLE Without coaxial cable (Note)										-	Y						£0

Note : Please order separately the cables (model FLY9 for FSV, FLY2 for FLV and FLH).

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Cables for FLW and FLD sensors type :

DESCRIPTION	CODE																Price £ FOB Japan
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
MODEL CODE Coaxial cable for Time Delta ultrasonic flowmeter	F	L	Y					1									Base
TYPE For FLV(3) and FLH(3) converter (M4 terminal size): Small middle and large sensor (FLW120/110/410/510/500) High temperature sensor (FLD320S1-Y) & Small sensor (FLD220S1-Y)						1											£91
For FSV converter (M3 terminal size): Small middle and large sensor (FLW120/110/410/510/500) High temperature sensor (FLD320S1-Y) & Small sensor (FLD220S1-Y)						2											£91
						8											£91
						9											£91
CABLE LENGTH																	
5 meters					0	0	5	1									£157
10 meters					0	1	0	1									£314
15 meters					0	1	5	1									£470
20 meters					0	2	0	1									£627
25 meters					0	2	5	1									£784
30 meters					0	3	0	1									£941
35 meters					0	3	5	1									£1,097
40 meters					0	4	0	1									£1,254
45 meters					0	4	5	1									£1,411
50 meters					0	5	0	1									£1,568
55 meters					0	5	5	1									£1,724
60 meters					0	6	0	1									£1,881
65 meters					0	6	5	1									£2,038
70 meters					0	7	0	1									£2,195
75 meters					0	7	5	1									£2,351
80 meters					0	8	0	1									£2,508
85 meters					0	8	5	1									£2,665
90 meters					0	9	0	1									£2,822
95 meters					0	9	5	1									£2,978
100 meters					1	0	0	1									£3,135
110 meters					1	1	0	1									£3,449
120 meters					1	2	0	1									£3,762
130 meters					1	3	0	1									£4,076
140 meters					1	4	0	1									£4,389
150 meters					1	5	0	1									£4,704
160 meters					1	6	0	1									£5,016
170 meters					1	7	0	1									£5,330
180 meters					1	8	0	1									£5,643
190 meters					1	9	0	1									£5,957
200 meters					2	0	0	1									£6,270
210 meters					2	1	0	1									£6,584
220 meters					2	2	0	1									£6,897
230 meters					2	3	0	1									£7,211
240 meters					2	4	0	1									£7,524
250 meters					2	5	0	1									£7,838
260 meters					2	6	0	1									£8,151
270 meters					2	7	0	1									£8,465
280 meters					2	8	0	1									£8,779
290 meters					2	9	0	1									£9,092
300 meters					3	0	0	1									£9,406
Others					Z	Z	Z	1									Contact us

Note : No need to order FLY cable when you ordering submerged-proof sensors type.

Cables for FLS sensors type :

DESCRIPTION	CODE																Price £ FOB Japan
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
KIND OF CABLE Coaxial cable for M-Flow sensor (FLS)	F	L	Y	3	0			1									Base
SENSOR TYPE For FLRSE12 (ø25 to 100mm) or FLRSE22 (ø50 to 225mm) Equipped with waterproof BNC connector on one side					3												Add £0
CABLE LENGTH																	
5m (one pair)					0	0	5										£157
10m (one pair)					0	1	0										£314
15m (one pair)					0	1	5										£470
20m (one pair)					0	2	0										£627
25m (one pair)					0	2	5										£784
30m (one pair)					0	3	0										£941
40m (one pair)					0	4	0										£941
50m (one pair)					0	5	0										£1,127
60m (one pair)					0	6	0										£1,313
MODIFICATION N°																	
Revision								1									