

Appendix

Common Items for Analog Products

3. Y-SPEC (ALL PRODUCTS)

3-1. Y-SPEC, Y138B, Heavy duty anti-corrosion finish

This applies to anti-corrosion coating for field instruments that operate in highly corrosive environments. Calculate price in accordance to item (2) if stainless steel bolts cannot be used due to pressure withstanding requirements. If there is an external piping connection, piping material should be SUS304 stainless steel.

(1) If bolts and nuts are stainless steel (Y-SPEC: Y66, Y131), (Refer to item (2) if stainless steel bolts cannot be used due to pressure withstanding requirements)

1-1) Standard price addition: For transmitters refer to Table II – I. Other models, refer to Table 1.

1-2) Details of SPEC

A: Instrument.....Heavy duty corrosion-proof finish (Price addition varies if air set or terminal box are added)

B: Bolts and nuts for (Body cover, manifold valve, oval flange).....SUS (Y-SPEC; Y66, Y131)

C: Center bodySilver coated

D: Exposed bits, nuts, screws and socket screws etc.SUS

E: Mounting U-bolt, nutsSUS

F: Cover flangeSilver coated (CS material only)

G: Manifold valve.....Silver coated (KZ13/Mat'1 CS only). However NZ16is painted black (STD)

(2) If bolts and nuts are to be silver coated (Only when stainless steel bolts cannot be used due to pressure withstanding requirements)

2-1) Standard price addition: Refer to Table II-2

2-2) SPEC items

A: C-G, same as item 1-2.

B: Bolts and nuts for body cover (manifold valve KZ213 only, oval flange) --- silver painting

2-3) Entry into factory order slip:

Enter "Y138B002"

(3) Delivery

STD + 0.5 month

<Table I> Panel instrument and converter (Y138B)

Applicable SPEC item	Std. Price addition (1000 yen)			
	A and E			
Additional functions	None	With terminal box	With airset	With terminal and airset
Model no.				
NOX110-0W	13		19	
NOX110-0H	13		19	
NOX120-0W, -0E, -0H	16	20		
VPT, -05, -06, -07	16	19	26	29
NUE, NUM	16		38	

<Table II> Transmitter-standard price addition (1/2)

Product series	ITEM № Cover Flange material	Table II-1 (Y138B-001)								Table II-2 (Y138B-002)													
		For II-1-2 CS								For II-2-2 CS													
		For II-1-1 SUS				Total (1000yen)				For II-2-1 SUS				Total (1000yen)									
		A	B	C	D	E	*1	*2	F	G	*1	*2	A	B	C	D	E	*1	*2	F	G	*1	*2
KDP KKP	KDP1□,-2□	○	Y66	○	○	S	Y66+11	Y66+16	○		Y66+15	Y66+20	○	○	○	○	S	+13	+18	○		+17	+22
	KDP3□,-4□	○	Y66	○	○	S	ditto +11	ditto +16	○		ditto +15	ditto +20	○	○	○	○	S	+13	+18	○		+17	+22
	KDP6□	○	Y66	○	○		ditto +18	ditto +24	○		ditto +22	ditto +28	○	○	○	○	S	+20	+26	○		+25	+30
	KDP7□	○		○	○	S	- +11	- +16	○		- +15	- +20	○	○	○	○	S	+13	+18	○		+17	+22
	KDP8□	○	Y66	○	○	S	Y66+11	Y66+16	○		Y66+16	Y66+21	○	○	○	○	S	+13	+20	○		+18	+24
	KKP1□,-2□	○	Y66	○	○	S	ditto +11	ditto +16	○		ditto +13	ditto +18	○	○	○	○	S	+13	+18	○		+15	+20
	KKP7□	○		○	○	S	- +11	- +16	○		- +13	- +18	○	○	○	○	S	+13	+18	○		+15	+20
PP/I etc.	NW35	○			○	○	- +11	- +16			- +11	- +16	○	○	○	○	S	+13	+18	○		+13	+18
KQ, NQ	NQI, KQP	○	*3	○	○		+11	+16			+17	+22											

(Note) "S" mark: STD specs.

(Note 1)

*1: Without airset or terminal box

*2: With airset or terminal box

*3: If SUS304 bolts and nuts are used, add Y-SPEC: Y131 individually. Also specify Y131 on the Factory order slip. (This does not apply to high pressure gas law certified JIS10K, ANSI150, JPI150)

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<Table II> Transmitter-standard price addition (2/2)

Product series	ITEM № cover Flange mat'l Appl. SPEC item Model No.	Table II-1 (Y138B-001)										Table II-1 (Y138B-002)										
		For II-1-2 CS										For II-2-2 CS										
		For II-1-1 SUS					Total (1000yen)					For II-2-1 SUS					Total (1000yen)					
		A	B	C	D	E	*1	*2	F	G	*1	*2	A	B	C	D	E	*1	*2	F	G	*1
KF	KFDB□-11, -22, -8□	○	Y66	○	○	○	Y66+29	Y66+34	○		Y66+33	Y66+38	○	○	○	○	+31	+36	○		+35	+40
	KFDB□-33, -44	○	Y66	○	○	○	ditto +31	ditto +36	○		- +36	- +41	○	○	○	○	+33	+38	○		+38	+43
	KFDB□-6□	○	Y66	○	○	S	ditto +26	ditto +31	○		- +31	- +36	○	○	○	○	+28	+33	○		+33	+38
	KFDB□-7□	○	Y66	○	○	○	ditto +31	ditto +36	01		- +35	- +40	○	○	○	○	+33	+38	○		+37	+42
	KFDB□-9	○					(Not manuf'd)				(Not manuf'd)		○	○	○	○	+31	+36	○		○	+38
	KFKB□-11, -16	○	Y66	○	○	○	Y66+29	Y66+34	○		Y66+31	Y66+36	○	○	○	○	+31	+36	○		+33	+38
	KFKB□-17, -18, -2□, -7□	○	*3	○	○	○	- +30	- +35	○		- +34	- +39										
	KFLB	○	*4	○	○		+19	- +25			- +26	- +31										
KFTA, KFPA	○			○	S	- +19	- +25			- +19	- +25											
Manifo ld valve	NZ16						- +0	-			- +0	-				+0				+0		

(Note) "S" mark: STD specs.

(Note 1)

*1: Without airset or terminal box.

*2: With airset or terminal box.

*3: SUS is STD for bolts and nuts

*4: If SUS304 bolts and nuts are used, add Y-SPEC: Y131 for each. Also specify Y131 on the Factory order slip. (This does not apply to high pressure gas law certified JIS10K, ANSI150, JPI150)

4. Thermocouples Interchangeability between YC Standard and Other Standard

Type	(Old symbol)	YC Standard	Standards							Tem. Range (°C)
			JIS	HWL	NBS	ANSI	DIN	BS	IEC	
T	CC	○	○	○	○	○	○	○	○	-270~ 400
J	IC	○	○	○	○	○	○	○	○	-210~1,200
E	CRC	○	○	○	○	○	○	○	○	-270~1,000
K	CA	○	○	○	○	○	○	○	○	-270~1,372
	PR	-	×	×	×	×	×	×	×	0~1,770
B	(PR6/30)	-	○	○	○	○	—	○	○	0~1,820
R	(PR13%)	○	○	○	○	○	×	○	○	-50~1,768
S	(PR10%)	—	○	○	○	○	○	×	○	-50~1,768
Pt		○	○	×	—	—	×	×	×	-200~ 630
Ni		○	—	×	—	—	×	—	—	-50~ 150

Key; "○"...interchangeable, "×"...Not interchangeable, "—"...No standard exists

(Note) Upon revision of JIS, sensing element specifications have been changed. Field mounted PR has been deleted and types – B, R, S have added.

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5. Cost of Customer Inspection Photography

This sets forth prices for photos taken by Yamatake during customer inspection on his behalf.

In order to improve the efficiency of customer inspection, all photographs shall be taken in accordance with this procedure.

(1) Specifications

1-1) Products covered: PMS products of the Shonan Factory including D-niK, N-niK8000 and C-niK8000, and FI products are covered by this specification.

1-2) Customer inspection spec. sign board: To show details of inspected products to be recorded by the photos.

Color and letter of sign board: Green background, white letters.

Size: See Table, right.

Items to enter: See Table, right.

End user	
Order by	
Job	
Usage	
TAG No.	
Order No.	
Model	
Date Photos were taken	
By	Yamatake Corp., Ltd

1-3) Photographs

See item (2), price list.

(2) Standard price

Item	[Price 1000yen]				
	No of equipment (No)	1~10	11~20	21~30	31 - more
Color film cost		2.5	3.5	4	4
Plain color print		2	3.5	4.5	4.5
E-size color print		0.3/ea			
Photography cost		25	45	65	25
Spec. sign board		No charge			