3. KFKB Pressure indicating controller (Adjustable range type)
3-1. KFKB Gauge pressure & absolute pressure types

Model No. : KFKB [ ] [ ] - [I] [II] [III] [IV] [V] [VI] [VII] - [VIII]
(Basic No, / Selection / Option)

Model No. Ex.

KFKB22 -1222A1T -M57

- Cover & Element Material (1: SF45, 2: SUS316)
- Sensing Element / Gage Press.

Selection — I.II Sensing Element (III.IV Cover & Element Material : 1; SF45, 2: SUS316)

Type	Control Model	Basic No.	Price	Gauge, Bourdon Tube: 5 to 70MPa {50 to 700kgf / cm²}	Gauge, Bourdon Tube: 1.25 to 25 Mpa {0 to 250kgf / cm²}	Gauge, Bourdon Tube: 0.35 to 7MPa {3.5 to 70kgf / cm²}	Gauge, Bourdon Tube: 0.175 to 3.5MPa {1.75 to 35kgf / cm²}	Gauge, Bellows: 35 to 686kPa {0.35 to 7kgf / cm²}	Gauge, Bellows: 10 to 196kPa {0.1 to 2kgf / cm²}	Gauge, Bellows: 3.4 to 66.6kPa {25 to 500mmHg}		Gauge, Bellows: 0.7 to 13.3kPa {5 to 100mmHg}		Absolute, Bellows: 35 to 686kPa abs {0.35 to 7kgf / cm² abs}		Absolute, Bellows: 10 to 196kPa abs {0.1 to 2kgf / cm² abs}		Absolute, Bellows: 3.4 to 66.6 kPa abs {25 to 500 mmHg abs}		Absolute, Bellows: 0.7 to 13.3 kPa abs {5 to 100 mmHg abs}	
		Model No.		1122	1222	1322	1422	1522	1622	1712	1722	1812	1822	2512	2522	2612	2622	2712	2722	2812	2822
		Basic No.	Price	14	14	0	0	0	0	14	20	33	39	141	147	141	147	166	172	262	268
Indicating	Non -Control	KFKB00	675	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
Indicating Controller [ ] =1 Indicating Transmitting Controller [ ] = 2 (Local Type)	P+Manual Reset	KFKB[ ]1	690																		
	PI	KFKB[ ]2	692																		
	PID	KFKB[ ]3	761																		
	PD+Manual Reset	KFKB[ ]4	758																		
	PI + Batch	KFKB[ ]5	798	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
	On -Off	KFKB[ ]6	692																		
	Differential Gap	KFKB[ ]7	690																		
	P + External Reset	KFKB[ ]8	707																		
	PD+External Reset	KFKB[ ]9	761																		
Indicating Controller [ ] =3 Indicating Transmitting Controller [ ] = 4 (Cascade Type)	P+Manual Reset	KFKB[ ]1	831																		
	PI	KFKB[ ]2	834																		
	PID	KFKB[ ]3	894																		
	PD + Manual Reset	KFKB[ ]4	888																		
	PI + Batch	KFKB[ ]5	940	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
	On -Off	KFKB[ ]6	831																		
	Differential Gap	KFKB[ ]7	825																		
	P + External Reset	KFKB[ ]8	835																		
	PD + External Reset	KFKB[ ]9	894																		

Selection V–VII, VIII Option, Y -Spec

Type	V Air Piping Connection: Rc 1 / 4 internal	V: 1 / 4 NPT internal	VI Pneumatic Signal *1: 0.2 to 1.0kgf/cm2	VI: 3 to 15psi.	VI: 0.2 to 1.0 bar	VI: 20 to 100 kPa	VI: 19.6 to 98.1kPa (equal to 0.2 to 1.0kgf / cm2)	VI: Dual Scale main: Pa (20 to 100 kpa) sub: Kgf/cm2(0.2 to 1.0 kgf/cm2)	VI: Dual Scale main: kgf/cm² (0.2 to 1.0kgf/cm²) sub: pa (20 to 100 kpa)	VII Mounting: Panel	VII: 2 -inch Pipe	VIII: No Option	VIII: with External Sp Manual Setting knob	VIII: With Built -in Manual Controller With Auto/Manual Switch	VIII: Elevation or High Elevation	VIII: Suppression	VIII: Pressure regulator with filter	Y: Steam Trace	Y: Stainless steel Bolt	Y: Degreasing *5	Y: Corrosion-proof / Silver coating
Model No.	* 6 A	* 6 B	1	2	3	4	8	A	D	P	T	X	K	M	5	6	7	29	* 2 66	67	[ ] 138
Price	0		0		20	0		50		0	0	0	8	67	17	17	31	33	14	24	* 3
Indicating (Non -Control)	✔		✔		✔	✔		✔		✔		✔			✔	✔		✔	✔	✔	✔
											✔	✔			✔	✔	✔				
Local Type ([ ] =1, [ ] = 2)	✔		✔		✔	✔		✔		✔		✔	✔	✔	✔	✔		✔	✔	✔	✔
											✔	✔	✔	✔	✔	✔	✔				
Cascade Type ([ ] =3, [ ] = 4)	✔	✔	✔	✔	✔	✔		✔		✔		✔		✔	✔	✔		✔	✔	✔	✔
											✔	✔		✔	✔	✔	✔				

Note * 1 For Signal in bar or Kpa, refer to Common Data.

* 2 Available only in model No. 1122 thr. 1622 for Selection I to IV and working pressure of -0.5 to 300Kg / cm²
* 3 Refer to Common Data.
* 5 Applicable SUS material only for Cover and Element material
* 6 If the the nameplate style is except standard, please specify it at the remarks column of the invoice.

KFKB

3. KFKB Pressure indicating controller (Adjustable range type)
3-2. KFKB remote seal diaphragm type (Medium & high pressure models)

1.75 to 700kgf/cm^2

Model No. KFKB [Basic No.] - [I] [II] [III] [IV] [V] [VI] [VII] [VII] [IX] [X] [XI] - [XII] (Selection / Option)

Model No. Ex. KFKB12 -73180202AIP -M
- Flange Rating
- Diaphragm
- Flange Material

Selection

I.II Element: Remote Seal Diaphragm

III Flange Material / Diaphragm / Flange Rating; IV Flange Material / Diaphragm / Flange Rating

III Flange SF45
- IV SUS316: Standard / Extended
- IV SUS316L: Standard / Extended

III Flange SUS316 / III SUS304 / III Flange SUS304
- SUS316 / SUS316L / SUS316 / SUS316L
- IV SUS316: Standard / Extended
- IV Monel: Standard
- IVTantalum: Standard
- IV SUS316L: Standard / Extended

Model No.	71	72	73	74	1202	1204	1206	1208	1802	1804	1806	1808	2209	8809	7211	7811	7202	7204	7206	7208	7302	7304	7402	7404	7802	7804	7806	7808
Basic No.	0	0	0	0	0	0	77	77	0	0	77	77	52	65	52	65	65	46	65	46	77	77	154	154	154	154	229	229	77	77	154	154
Price																																
Remote Seal Diaphragm	5 to 70MPa {50 to 700kgf/cm^2}	1.25 to 25MPa {12.5 to 250kgf/cm^2}	0.35 to 7 Mpa {3.5 to 70kgf/cm^2}	0.175 to 3.5 MPa {1.75 to 35kgf/cm^2}	80mm JIS 30K	3in. ANSI 300	100mm JIS 30K	4in. ANSI 300	80mm JIS 30K	3in. ANSI 300	100mm JIS 30K	4in. ANSI 300	2in. ANSI1500 Wafer		11/2 PF external Button Diaphragm		80mm JIS 30K	3in. ANSI 300	100mm JIS 30K	4in. ANSI 300	80mm JIS 30K	3in. ANSI 300	80mm JIS 30K	3in. ANSI 300	80mm JIS 30K	3in. ANSI 300	100mm JIS 30K	4in. ANSI 300
Type																																

Selection

VII Capillary Length: 2m / 3m / 5m

VIII Extended Flange Length: None / 100mm / 150mm

IX Air Piping Connection: Rc 1/4 internal / 1/4 NPT internal

X Pneumatic Signal *1: 0.2 to 1.0kgf/cm2 / 3 to 15psi. / 0.2 to 1.0 bar / 20 to 100 kPa / (equality to 0.2 to 1.0kgf / cm2) 19.6 to 98.1kPa / sub: Kgf/cm2(0.2 to 1.0 kgf/cm2) Dual Scale main: Pa (20 to 100 kpa) / sub: pa (20 to 100 kpa) Dual Scale main: kgf/cm^2 (0.2 to 1.0kgf/cm^2) / sub: pa (20 to 100 kpa) Dual Scale

XI Mounting: Panel / 2 -inch Pipe

XII Option: No Option / With External Sp Manual Setting Knob / With Built -in Manual Controller With Auto/Manual Switch / Elevation or High Elevation / Suppression / Pressure regulator with filter

Y -Spec: Vacuum Service / High Temp. Service / High Temp. -Vacuum Service / Corr. Proof/Silver coating / Degreasing for Oxygen Service / Chlorine Service *3

				VII			VIII			IX		X								XI		XII						Y -Spec					
				02	03	05	00	10	15	A	B	1	2	3	4	8	A	D		P	T	X	K	M	5	6	7	23	62	62+23	138[ ]	182	183
				2m	3m	5m	None	100mm	150mm	Rc 1/4 internal	1/4 NPT internal	0.2 to 1.0kgf/cm2	3 to 15psi.	0.2 to 1.0 bar	20 to 100 kPa	19.6 to 98.1kPa (equality to 0.2 to 1.0kgf / cm2)	Dual Scale sub: Kgf/cm2(0.2 to 1.0 kgf/cm2) main: Pa (20 to 100 kpa)	Dual Scale main: kgf/cm^2 (0.2 to 1.0kgf/cm^2) sub: pa (20 to 100 kpa)		Panel	2 -inch Pipe	No Option	With External Sp Manual Setting Knob	With Built -in Manual Controller With Auto/Manual Switch	Elevation or High Elevation	Suppression	Pressure regulator with filter	Vacuum Service	High Temp. Service	High Temp. -Vacuum Service	Corr. Proof/Silver coating	Degreasing for Oxygen Service	Chlorine Service *3
																												* 5 27		* 5 39	* 2		
Type	Control Model	Basic No.	Price																														
Indicating Transmitter	Non -Control	KFKB00	675	✓	✓	✓	✓			✓		✓	✓	✓	✓	✓	50			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
																					✓	✓											
																				✓		✓											
																					✓	✓											
																				✓		✓											
																					✓	✓											
								* 4 ✓	* 4 ✓											✓		✓											
																					✓	✓											
Indicating Controller [ ] =1 (Local Type)	P+Manual Reset	KFKB[ ]1	690	✓	✓	✓	✓			✓		✓	✓	✓	✓	✓	50			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	PI	KFKB[ ]2	692																		✓	✓											
	PID	KFKB[ ]3	761																	✓		✓	✓	✓	✓	✓	✓						
	PD+Manual Reset	KFKB[ ]4	758																		✓	✓											
	PI + Batch	KFKB[ ]5	798																	✓		✓	✓	✓	✓	✓	✓						
																					✓	✓											
	On -Off	KFKB[ ]6	692																	✓		✓	✓	✓	✓	✓	✓						
	Differential Gap	KFKB[ ]7	690																		✓	✓											
	P + External Reset	KFKB[ ]8	707					* 4 ✓	* 4 ✓											✓		✓	✓	✓	✓	✓	✓						
	PD+External Reset	KFKB[ ]9	761																		✓	✓											
Indicating Controller [ ] =3 (Cascade Type)	P+Manual Reset	KFKB[ ]1	831	✓	✓	✓	✓			✓		✓	✓	✓	✓	✓	50			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	PI	KFKB[ ]2	834																		✓	✓											
	PID	KFKB[ ]3	894																	✓		✓	✓	✓	✓	✓	✓						
	PD + Manual Reset	KFKB[ ]4	888																		✓	✓											
	PI + Batch	KFKB[ ]5	940																	✓		✓	✓	✓	✓	✓	✓						
																					✓	✓											
	On -Off	KFKB[ ]6	831																	✓		✓	✓	✓	✓	✓	✓						
	Differential Gap	KFKB[ ]7	825																		✓	✓											
	P + External Reset	KFKB[ ]8	835					* 4 ✓	* 4 ✓											✓		✓	✓	✓	✓	✓	✓						
	PD + External Reset	KFKB[ ]9	894																		✓	✓											

Note :
- * 1 For Signal in bar or kPa, refer to Common Data
- * 2. Contact YAMATAKE when engineering units are different between input range pressure and output signal pressure.
- * 3 Available only in 14[ ][ ], 74[ ][ ] for Selection III to IV.
- * 4 Available only in 1206, 1208, 1806, 1808, 7206, 7208, 7806, 7808 for Selection IIItoIV.
- * 5 Vacuum Service is not available with Y182 and Y183.

KFKB

3. KFKB Pressure indicating controller (Adjustable range type)
3-3. KFKB remote seal diaphragm type (Low pressure models)

0.1 to $7kg/cm^2$

Model No. : KFKB [ ][ ] (Basic No.) - I II III IV V VI VII VII IX X XI (Selection) - XII (Option)

Model No. Ex. KFKB24 -7512050210A1T -X (Flange Rating / Diaphragm / Flange Material)				Selection																																							XII Option						Y -Spec					
				I Element		III Flange Material/IV Diaphragm/V.VI Flange Rating																				VII Capillary Length			VIII Extended Flange Length			IX Air Piping Connection		X Pneumatic Signal *1							XI Mounting													
				Remote Seal Diaphragm		III Flange SF45								III Flange SUS304																																								
						IV SUS316				IV SUS316L				IV SUS316				IV Monel		IVTantalum		IV SUS316L																																
						Standard		Extended		Standard		Extended		Standard		Extended		Standard		Standard		Standard		Extended																														
				0.35 to $7kgf/cm^2$	0.1 to $2kgf/cm^2$	80mm JIS 10K	3in. ANSI 150	100mm JIS 10K	4in. ANSI 150	80mm JIS 10K	3in. ANSI 150	100mm JIS 10K	4in. ANSI 150	80mm JIS 10K	3in. ANSI 150	100mm JIS 10K	4in. ANSI 150	80mm JIS 10K	3in. ANSI 150	80mm JIS 10K	3in. ANSI 150	80mm JIS 10K	3in. ANSI 150	100mm JIS 10K	4in. ANSI 150	2m	3m	5m	None	100mm	150mm	Rc 1/4 internal	1/4 NPT internal	0.2 to 1.0kgf/cm2	3 to 15psi.	0.2 to 1.0 bar	20 to 100 kPa	19.6 to 98.1kPa (equality to 0.2 to 1.0kgf / cm2)	main: Pa (20 to 100 kpa) sub: Kgf/cm2(0.2 to 1.0 kgf/cm2) Dual Scale	main: kgf/cm^2 (0.2 to $1.0kgf/cm^2$) sub: pa (20 to 100 kpa) Dual Scale	Panel	2 -inch Pipe	No Option	With External SP Manual setting Knob	With Built -in Manual Controller With Auto/Manual Switch	Elevation or High Elevation	Suppression	Pressure regulator with filter	Vacuum Service *5	High Temp. Service	High Temp. -Vacuum Service *5	Corr. proof coating	Degreasing for Oxygen Service *3	Chlorine Service *4
Type	Control Model	Model No.		75	76	1201	1203	1205	1207	1801	1803	1805	1807	7201	7203	7205	7207	7301	7303	7401	7403	7801	7803	7805	7807	02	03	05	00	10	15	A	B	1	2	3	4	8	A	D	P	T	X	K	M	5	6	7	23	62	62+23	138[ ]	182	183
		Basic No.	Price	0	0	0	0	77	77	0	0	77	77	72	72	122	122	128	128	199	199	72	72	122	122	0	0	14	0	0	8	0	0	0	0	20	0	0	50		0	0	0	8	67	17	17	31	27	20	39	*2	77	77
Indicating Transmitter	Non -Control	KFKB00	948			✓	✓			✓	✓			✓	✓			✓	✓	✓	✓	✓	✓			✓	✓	✓	✓			✓	✓	✓	✓	✓		✓	✓	✓	✓		✓			✓	✓		✓	✓	✓	✓	✓	
				✓	✓																																					✓	✓			✓	✓	✓						✓
								✓	✓			✓	✓			✓	✓							✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓			✓	✓		✓	✓	✓	✓	✓	
																																										✓	✓			✓	✓	✓						
Indicating Controller [ ] =1 Indicating Transmitting Controller [ ] = 2 (Local Type)	P+Manual Reset	KFKB[ ]1	979																																																			
	PI	KFKB[ ]2	984																																						✓		✓	✓	✓	✓	✓							
	PID	KFKB[ ]3	1043			✓	✓			✓	✓			✓	✓			✓	✓	✓	✓	✓	✓			✓	✓	✓	✓			✓	✓	✓	✓	✓		✓	✓	✓									✓	✓	✓	✓	✓	✓
	PD+Manual Reset	KFKB[ ]4	1043																																							✓	✓	✓	✓	✓	✓	✓						
	PI + Batch	KFKB[ ]5	1080																																																			
				✓	✓																																																	
	On -Off	KFKB[ ]6	986																																						✓		✓	✓	✓	✓	✓							
	Differential Gap	KFKB[ ]7	972					✓	✓			✓	✓			✓	✓							✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓		✓	✓	✓									✓	✓	✓	✓	✓	
	P + External Reset	KFKB[ ]8	984																																							✓	✓	✓	✓	✓	✓	✓						
	PD+External Reset	KFKB[ ]9	1043																																																			
Indicating Controller [ ] =3 Indicating Transmitting Controller [ ] = 4 (Cascade Type)	P+Manual Reset	KFKB[ ]1	1116																																																			
	PI	KFKB[ ]2	1119																																						✓		✓		✓	✓	✓							
	PID	KFKB[ ]3	1178			✓	✓			✓	✓			✓	✓			✓	✓	✓	✓	✓	✓			✓	✓	✓	✓			✓	✓	✓	✓	✓		✓	✓	✓									✓	✓	✓	✓	✓	✓
	PD + Manual Reset	KFKB[ ]4	1172																																							✓	✓		✓	✓	✓	✓						
	PI + Batch	KFKB[ ]5	1224																																																			
				✓	✓																																																	
	On -Off	KFKB[ ]6	1114																																						✓		✓		✓	✓	✓							
	Differential Gap	KFKB[ ]7	1111					✓	✓			✓	✓			✓	✓							✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓		✓	✓	✓									✓	✓	✓	✓	✓	
	P + External Reset	KFKB[ ]8	1119																																							✓	✓		✓	✓	✓	✓						
	PD + External Reset	KFKB[ ]9	1178																																																			

Note :
* 1. Contact YAMATAKE when engineering units are different between input range pressure and output signal pressure.
* 2 Refer to Common Data.
* 3 Available only in 12[ ][ ], 18[ ][ ], 72[ ][ ], 78[ ][ ] for Selection III to IV.
* 4 Available only in 14[ ][ ], 74[ ][ ] for Selection III to IV.
* 5 Vacuum Service is not available with Y182 and Y183.