コントローラ E70/71(A)

[2] Controller

1. Model		E70/E71	
2. Enclosure		Enclosed structure / Indirect cooling system	
3. Dimensions		See attached drawing	
4. Number of controlled axes		6 axes Max.8 axes(two built-in additional amplifier, option)	
5. Servo control and drive system		Full Digital Servo System	
6. Type of control		Teach mode	Joint, Base, Tool, Fixed Tool (option) operation mode
		Repeat mode	PTP, CP control mode Joint, Linear, Circular (option) interpolation
7. Teaching method		Teaching or AS language programming	
8. Memory capacity		8 MB	
9. External operation signals		External Motor Power Off, External Hold, etc.	
10. General purpose signals		Input signals	32 channels (Includes dedicated signals)
		Output signals	32 channels (Includes dedicated signals)
11. Operation panel		FastCheck/Teach/Repeat SW, Emergency Stop SW, Control power lamp	
12. Cable length		Power/Signal cable	10 m
		Teach Pendant cable	10 m
13. Mass		See attached drawing	
14. Power requirement		AC200 V - AC240 V±10%, 50/60 Hz, 1 phase, Max 1.5 kVA(E70), Max 3 kVA(E71)	
15. Ground		Less than 100 Ω (robot dedicated ground) Leakage current: max. 100 mA	
16. Ambient temperature		0 - 45 ℃ (Holizontal mount), 0 - 40℃ (Vertical mount)	
17. Relative humidity		35 - 85 % (non-condensation)	
18. Surface Treatment		Zinc Plating, Trivalent chromate finish	
19. Teach Pendant		TFT color display (5.7 inch LCD) with touch panel Emergency Stop SW, Teach Lock SW and Enable SW	
20. Safety Circuit		Category: 3, Performance Level: d (EN ISO13849-1: 2008) ★	
21. Options			
	General purpose signals	Input signals	64/96 channels
		Output signals	64/96 channels
	I/O connector	D-SUB 37pin(male,female) with cover	
	Operation panel	Motor Power ON, Cycle start, RUN/HOLD, Error reset, Error lamp	
	Power/Signal cable	5m, 15m	
	Teach Pendant cable	5m, 15m	
	Motor brake release	Manual brake release switch BOX	
	Auxiliary storage	USB memory	
	PC cable	1.5 m, 3 m	
	Teach Pendant option	Connector for TP less	
	Others	Field BUS, Software PLC, Analog input/output, Conveyor Synchronization, Vision and so on	
22. Others		Consult Kawasaki about maintenance parts and spare parts.	

★ Category and Performance level (PL) are determined by the whole system and conditions.
The safety circuit of this controller is available in the system of category: up to 3, PL: up to d.