

nFA-RH14-10

FUNCTIONAL FEATURES

- The safety emergency stop board independent of the control system is equipped with, and imported forced disconnection relay is adopted to provide double-circuit emergency stop to ensure the reliability of emergency stop.
- Built-in three-phase transformer makes 380V and 220V isolated to help the power supply more stable. Built-in three-phase filter can effectively isolate external interference and prevent internal interference output.
- The robot body adopts highly flexible special cable.
- The robot body is with dual-circuit gas pipe to meet the handling demand.
- For handling applications, the robot body structure has been optimized and the rigidity is stronger.



Arm form	Vertical multiple joints	
Degree of freedom	6 axis	
Maximum payload	10kg	
Repeated positioning accuracy	±0.08mm	
Maximum reaching distance	1454mm	
Robot body weight	170kg	
Installation mode	Ground, upside down mounting, wall mounting	
Maximum travel	axis 1	Ground/upside down mounting: -167°~167° wall mounting: -30°~30°
	axis 2	-45°~175°
	axis 3	-80°~155°
	axis 4	-190°~190°
	axis 5	-125°~125°
	axis 6	-360°~360°
Maximum speed	axis 1	169°/S
	axis 2	169°/S
	axis 3	169°/S
	axis 4	301°/S
	axis 5	222°/S
	axis 6	516°/S
Allowable torque	axis 4	20N.m
	axis 5	20N.m
	axis 6	20N.m
Allowable moment of inertia	axis 4	0.63kg.m ²
	axis 5	0.63kg.m ²
	axis 6	0.33kg.m ²
Installation environment	ambient temperature	0~45°C
	relative humidity	20~80%(No condensation)
	vibration	Under 0.5G
	Others	Robot installation must be away from: Flammable or corrosive liquids or gases, electrical sources of interference
IP level	Body IP54, wrist IP67	
Advantage features	Compact structure, high speed, high precision, high expansibility and easy operation	
Application	cutting, assembly, handling, marking, grinding	
Electric Cabinet Configuration	G9A	

