



Data sheet Colla Robots

20190827-nh-datasheetCR-ext-V3

	CR10-A06-P03-R0590	CR10-A06-P3,5-R0950	CR10-A06-P05-R0800	CR10-A06-P10-R1000	CR10-A06-P15-R700
Robot type	CR10				
Number of axis	6				
Pay load (KG)	3	3,5	5	10	15
Reach (mm)	590	950	800	1000	700
Weight (KG)	17	24	23	40	40
Joint range (degr)	+/- 360	+/- 360	+/- 360	+/- 360	+/- 360
Joint speed (degr/s)	135	135	135	90	90
Tool speed (m/s)	1	1	1	1	1
Precision repeatability (mm)	+/- 0,05	+/- 0,05	+/- 0,05	+/- 0,05	+/- 0,05
Digital input	4				
Digital output	4				
Analog input	2				
Analog output	0				
I/O source in tool	24V, 2A				
Tool flange	Standard ISO				
Power Input	100-240VAC, 50-60Hz				
Power consumption (W)					
Typical	100	180	180	350	350
Collaboration operation	Advanced adjustable safety functions, tested according EN ISO				
Working temperature (degr C)	0 - 50				
IP class	IP54				
Main material	Aluminium				

Programming

Through Windows CE touch pad and graphical user interface.
Through external device such as PC or PLC.
Easy Programming.
Teach/ Record position.
Preprogrammed positions.
ROS compatible.
API

Teach pendant

Size (mm) H * W * D 210 * 320 * (45+22)
IP class IP54
Weight (KG) 2
Screen size 10,1"
Resolution px 600 * 800
Emergency stop 1
Cable length (m) 5

Control box

IP class IP20
ISO Clean room classification 6
Noise level dB(A) <65
I/O ports
Digital input 16
Digital output 16
Analog input 2
Analog output 2
I/O power supply 24V, 2A
Communication EtherCAT, TCP/IP, ModBusTCP
Power source 100-240VAC, 50-60Hz
Size (mm) 536 x 445 x 319 incl. feet
Material Steel
Weight (KG) 18,5
Cable length (m) 5

















