



Data sheet Colla Robots Z4

20190827-nh-datasheetCRZ-4-ext-V3

	CRZ-A04-P005-R0320	CRZ-A04-P020-R0400
Robot type	Collaborative Z4	
Degrees of freedom	4	
Number of axis	4	
Rated payload (kg)	0.5	2
Maximum payload (kg)	1	3
Reach (mm)	320	400
Height displacement (mm)	160	210
Footprint (mm)	160x160	250x250
Weight (kg)	9	19
Joint range (degr)	180	180
Tool speed (m/s)	1 (500 g payload)	1 (2000 g payload)
Z axis speed (m/s)	0,5	0,5
Precision repeatability (mm)	0.01	0.03
Digital input	3	5
Digital output	3	5
Analog I/O 0- 10 V	0	0
Analog I/O 4- 20 mA	0	0
Connection	WiFi, Ethernet	
Power Input	220V/110V 50-60Hz	
Collaboration operation	Advanced adjustable safety functions, impact detection, hand teaching mode, smartphone app, simulation software	
Working temperature (degr C)	0 - 50	
IP class	IP54	
Main material	Steel	

Programming

Through graphical user interface on PC and smartphone.
Through external device such as PC or PLC.
Easy Programming.
Teach/ Record position.
Preprogrammed positions.
C/C++ Tool program options
Control through smartphone app with graphical teach modus

Control box = embedded in robot







