

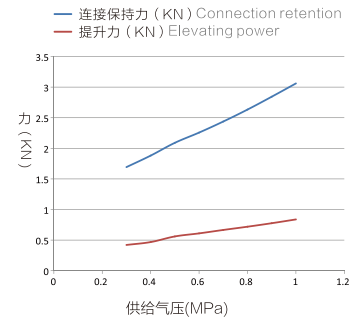
治具自动快换

FIXTURE AUTOMATIC QUICK CHANGER

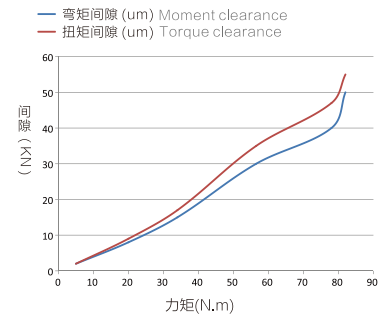
OQT-20 治具自动快换

OQT-20 Fixture automatic quick changer

- 建议负载 20kg;
- 采用钢球锁紧方式;
- 内置在位检测装置;
- 具有防尘功能;
- 采用机械式自锁设计;
- 防止气源意外切断时两侧分离。
- Payload capacity 20kg;
- Steel ball lock system;
- Grasp detecting device inside;
- With dustproof function;
- Adopt the mechanical self-locking design;
- Prevent separation from separating when when source of cut off.



OQT-20 连接力、提升力曲线图
OQT-20 continuous relay and lifting force curve



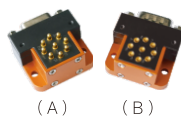
OQT-20 弯矩、扭矩变位曲线图
OQT-20 Bending moment and torque changer curve

规格参数 Specifications

本体部分 Mainbody	可搬运重量(额定负载)Payload capacity		20kg
	位置重复精度 Positon repeatability		± 0.02mm
	静态允许力矩 Static allowable torque	弯矩方向 Bending direction(Mx.My)	69N.m
		扭矩方向 Torque direction(Mr)	82N.m
	锁紧力 (当气压 0.49Mpa时)Tight locking force (When the air pressure is 0.49Mpa)		2100N
	材质 Materialv	本体 Main body	铝合金 Aluminum alloy
		锁紧机构部分 Locking mechanism	合金钢 Alloy steel
	外形尺寸(锁紧时Lock) Housing diameter(Lock when locked)		96 x 96 x H60mm
	产品重量 Product weight	机器人侧 Robot side	1.13kg
		工具侧 Tool side	0.40kg
	拆装结构 Disassembling institutions		钢球定位锁紧 Steel ball position lock
	拆装动作气压 Disassembling action pressure		0.39~0.7MPa(4~7kgf/cm²)
控制部分 Controlbody	面结合确认 Face-to-face confirmation		确认快换两侧盘面锁紧 Confirm both sides of the disk are locked
	内置1个光电传感器(直流3线式) Built-in 1 photoelectric sensor		
组件 (选配 Option)	通用 General		通气孔 Pneumatic port
	M5 x 10个		
通用 General	电信号点 Electrical signal		2 x 2A x 9 PIN

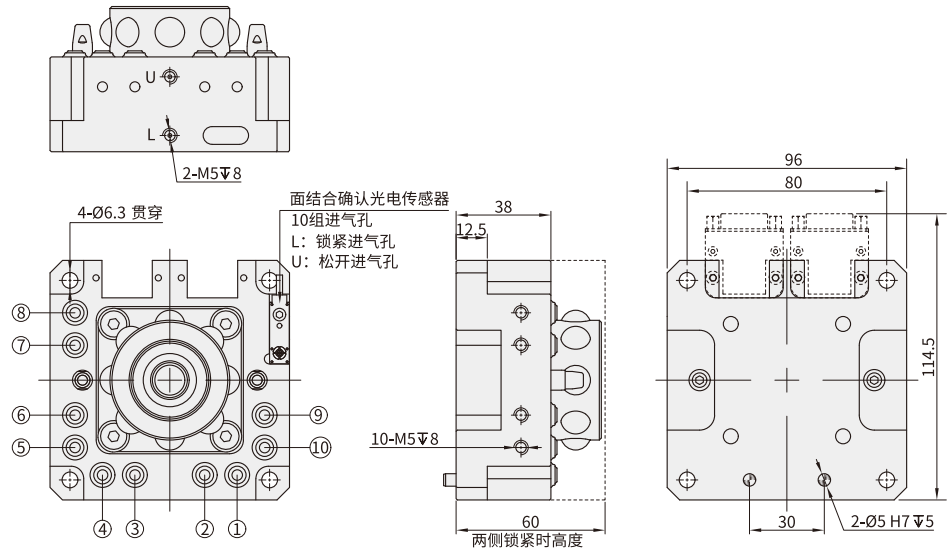
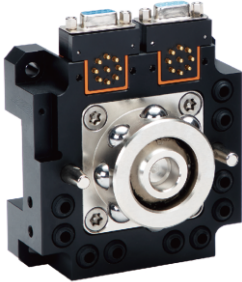
模块参数 Module parameter

型号 Model	使用于 Used in	工作电压 Operating voltage	工作电流 Working current	电插针 Electric pin	订货编号 Order number	单价 Price	接插件 Connector	订货编号 Order number	单价 Price
PTX02-9P-A	机器人侧 Robot side	24V	2A	9Pin	7.03.03.0011		PTX01-9P-A	7.03.03.0014	
PTX02-9P-B	工具侧 Tool side				7.03.03.0012		PTX01-9P-B	7.03.03.0013	

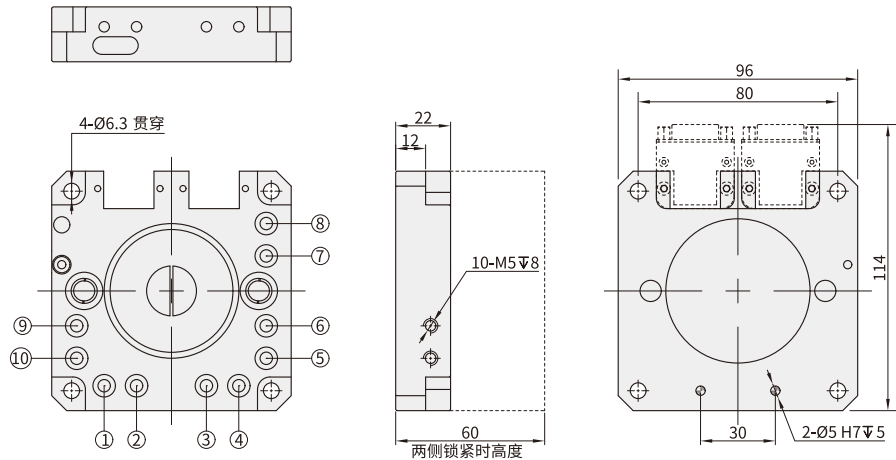


外形尺寸 OVERALL DIMENSIONS

机器人侧: OQT-20A
Robot side
订货编号: 7.03.13.0001
Order number
单价:
Price



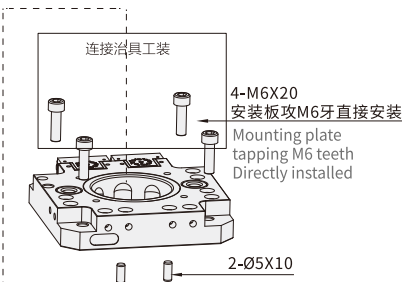
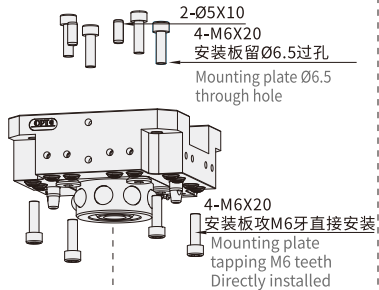
工具侧: OQT-20B
Tool side
订货编号: 7.03.13.0002
Order number
单价:
Price



安装说明 INSTALLATION DESCRIPTION

机器人手臂 Robot arm

连接法兰 Connecting flange



光电传感器: INS8-NPN/PNP
Photoelectric switch

电气连接器: PTX02-9P-A
Electrical connector

电气连接器: PTX02-9P-B
Electrical connector

