

智能型线性执行器-PDMC42-L

Nema17 linear actuator with built in motion controller IP65

一体化终端内置了可编程逻辑控制器，高精度编码器，高性能线性执行器于一体。可编程运动控制器可实现复杂的逻辑运算和控制。配合总线接口可以实时方便联网并传输工艺数据。丰富的IO的接口可以快速接入设备中的传感器和PLC数字信号。IP65防护等级符合更多工业生产应用。提供多种推力和尺寸规格。

The integrated terminal has built-in PLC, high-precision encoder and high-performance stepping motor. Programmable motion controller can realize complex logic operation and control. With the bus interface, it is convenient to network and transmit process data in real time. Rich IO interface can quickly access the sensor and PLC digital signal in the device. IP65 protection level is in line with more industrial applications. Provide a variety of torque and size specifications.

Feature

- IP65 Integrated Closed-loop stepper motor 一体式线性执行器
- Multiple specifications available 多种规格可选
- CANopen/Modbus interface available CANopen/Modbus控制接 口
- M8 connector M8航空接插件连接
- Food grade integral spraying process 食品级整体喷涂生产工艺
- Programmable logic motion controller 可编程逻辑运动控制器
- Fast programming platform 快速编程平台

VERSIONS

系列代码 Series models	PDMC42H25L	PDMC42H33L	PDMC42H38L	PDMC42H47L	PDMC42H60L
相电流 Current per Winding A	0.4	1.33	1.68	1.68	1.8
静力矩 Holding Torque mN.m	0.17	0.22	0.26	0.45	0.6
相电阻 Resistance per Winding Ohm	2.4	2.1	1.2	1.7	3
相电感 Inductance per Winding mH	3.6	3	1.7	3.3	7
转子惯量 Rotor Inertia gcm ²	20	38	54	82	102
电机重量 Weight kg	0.35	0.42	0.44	0.54	0.7
电机高度 Length "L+H" mm	66.7	74.7	79.7	89.7	101.7
操作电压 Operating voltage V	12-24V DC	12-24V DC	12-24V DC	12-24V DC	12-24V DC
操作模式 control mode	CANopen or Modbus				

订货代号 ORDER IDENTIFIER

PDMC42H25CT0502E2000-L1
=Nema17 Intelligent motor 42 series intelligent linear actuator
H33=Motor height 高度尺寸

C=CANopen interface CANopen协议
M=Modbus-rtu

T0502=T0502=Screw code 丝杆代码

E2000=Encoder resolution(Optional)编码器分辨率 (可选)

L1 = Screw length 丝杠长度

* Please contact sales for derivative products

可选螺杆 Screw optional

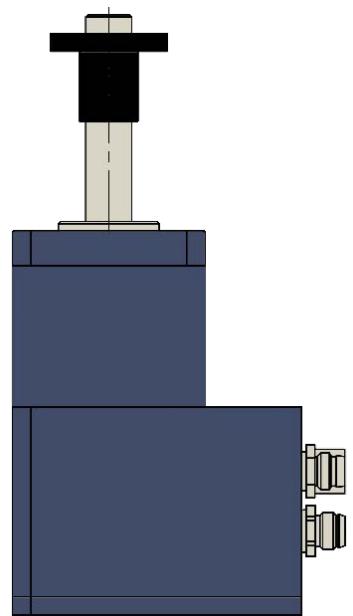
Screw specifications are rich and diverse, please contact the sales department
螺杆规格丰富多样, 请与销售联系

可选配件 ACCESSORIES

M8-KFA2-3-L2000
=Power Cable 2000mm FEMALE
M8-ZFA1-5-L2000
=Modbus In Cable 2000mm MALE

M8-KFA2-5-L2000
=Modbus Out Cable 2000mm FEMALE
M8-KFA2-8-L2000
=IO Cable
*All length can be customized

USB-CAN protocol converter
Siemens PLC to CANopen module

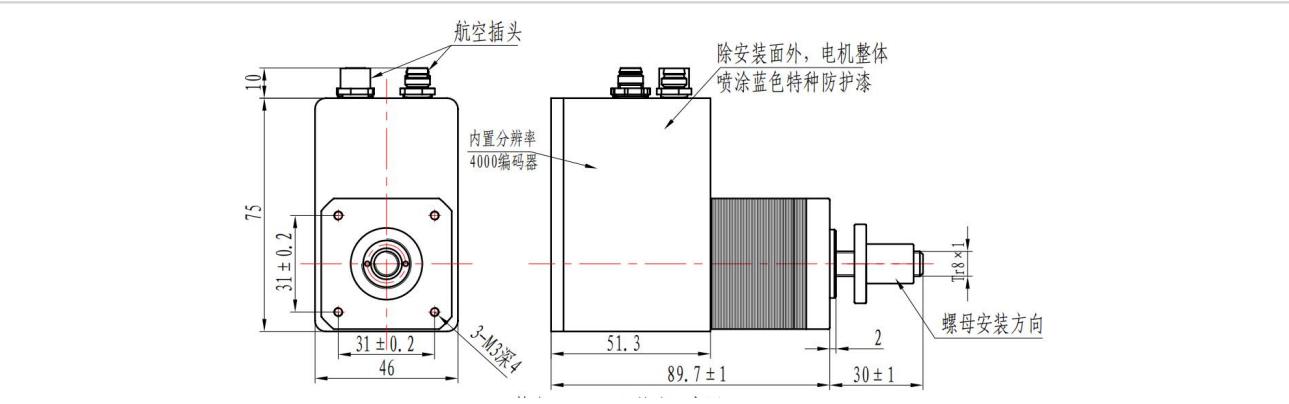


*螺杆类型:Tr丝杆和滚珠丝杆可选
*螺杆和螺母支持定制

智能型线性执行器-PDMC42-L

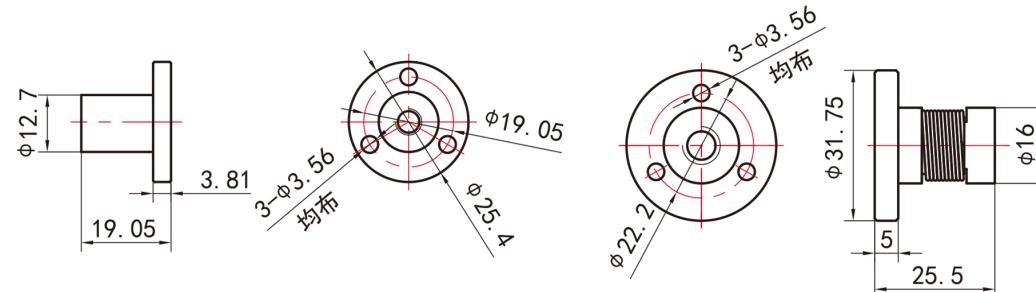
Nema17 linear actuator with built in motion controller IP65

DIMENSIONS (IN MM)



TORQUE CURVE

标准螺母 (左) / 消间隙螺母 (右) Standard nut (left)/anti-backlash nut (right)



*注意事项 螺母支持定制加工, 螺杆支持轴端加工

*NOTE: Nuts support customized processing; Machining of screw support shaft end