RCP2 ROBO Cylinder



Actuat	or Sp	ecifi	catio	ons

	Lead and Payload				Stroke and	Max. Opening/Closing Speed
	Model number	Deceleration Ratio	Maximum Gripping Force (N)	Stroke (mm)	Stroke Deceleration ratio	14 (mm)
	RCP2-GRM-I-28P-1-14-①-②-③	1	80 (40 per side)	14 (7 per side)	1	36.7 (per side)
(Code explanation ① Applicable Controller ② Cable length ④ Options					(Unit: mm/s)

See page Standard price

→ A-43

→ A-55

Stroke	
Stroke (mm)	Standard price
14	—

②Cable Length				
Туре	Cable symbol	Standard Price		
	P (1m)	_		
Standard	S (3m)	—		
	M (5m)	—		
	X06 (6m) ~ X10 (10m)	_		
Special length	X11 (11m) ~ X15 (15m)	_		
	X16 (16m) ~ X20 (20m)	—		
	R01 (1m) ~ R03 (3m)	—		
	R04 (4m) ~ R05 (5m)			
Robot Cable	R06 (6m) ~ R10 (10m)	_		
	R11 (11m) ~ R15 (15m)	<u> </u>		
	R16 (16m) ~ R20 (20m)			

* See page A-59 for cables for maintenance. Actuator Specifications

ltem	Description	
Drive System	Timing belt + trapezoidal screw (1.5 lead)	
Positioning repeatability	±0.01mm	
Backlash	0.15mm or less per side (constantly pressed out by a spring)	
Lost motion	0.1mm or less per side	
Guide	Cross roller guide	
Allowable static load moment	Ma: 6.3 N·m, Mb: 6.3 N·m, Mc: 8.3 N·m	
Weight	0.5kg	
Ambient operating temperature, humidity	0 to 40°C, 85% RH or less (Non-condensing)	

③ Options	
Name	Option code
Flange bracket	FB
Shaft bracket	SB

Puls Moto

ripper Rotary Type



signal as a solenoid valve P555 Positioner type based on PIO control, Solenoid valve multi-axis type PIO specification allowing up to 8 axes to be connected Refer to → P563 P572 Field network-ready positioner type, Solenoid valve multi-axis type 256 points Network specification allowing up to 8 axes to be connected Equipped with a high-output driver Positioner type PCON-CA-28PI-①-2-0 512 points _ High-output specification Positioner type based on PIO control Equipped with a high-output driver Pulse-train type High-output specification Refer to PCON-CA-28PI-PLD-2-0 (—) _ → P607 P618 Pulse-train input type DC24V Field network type High-output specification Equipped with a high-output driver PCON-CA-28PI-10-0-0 768 points _ Supporting 7 major field networks Pulse Train Input Type Pulse train input type with differential line PCON-PL-28PI-①-2-0 (Differential Line Driver) driver support (—) Pulse Train Input Type Pulse train input type with open collector Refer to PCON-PO-28PI-①-2-0 → P623 _ (Open Collector) P628 support Serial Communication Type PCON-SE-28PI-N-0-0 Dedicated Serial Communication 64 points Programmed operation is possible. Refer to Program PSEL-CS-1-28PI-①-2-0 1,500 points → P665 _ Control Type Can operate up to 2 axes P671

* This is for the single-axis PSEL.
* ① indicates I/O type (NP/PN).
* ① indicates power supply voltage (1: 100V / 2: 100~240V).
* ① indicates number of axes (1 to 8).
* ② indicates field network specification symbol.



Linea Servo Motor

Pulse Motor



