



Specification

Model	MESH2		
Size	16	20	
Positioning repeatability (mm)	±0.02		
Lead (mm)	2	2	8
Maximum speed *1 (mm/s)	≤50	≤100	≤400
Work load *2	Horizontal (kg)	3	1.5
	Vertical (kg)	0.8	0.8
Pushing force *1,3,4 (N)	24 ~ 68	64 ~ 195	18 ~ 48
Stroke (mm)	30 / 50		
Motor size (mm)	□20	□28	
Rated voltage	DC 24V±10%		
Slot-type photomicro sensor	RLT (Please refer to page 5-16)		

*1. The speed and force may change depending on the cable length, load, stroke and mounting conditions.

*2. The maximum load capacity decreases as the speed increases.

*3. The accuracy of pushing force is ± 20%.

*4. Pushing force for MESH2 is from 30% to 90%.

Motor type	Step motor	Transmission	Ball screw
Environment	Standard	Guide type	Linear guideway

Order example

MESH2 - 16 L02 - 30 - CK10 03 N 015

Model	Size	Ball screw lead	Stroke	Controller	I/O type	I/O cable length
16	L02	2 mm	30	CK10	N	015
	L02	2 mm	50			03
20	L02	2 mm	50	CM20 *1	NPN	015
	L08	8 mm				03

* Standard: 1.5 m

Power + Encoder cable of motor	
01	1 m *2
015	1.5 m *3
03	3 m
05	5 m

* Standard: 3 m

*1. Sensors would be needed.

*2. Only for CM20.

*3. Only for CK10.

*4. Please note the installation space.

Slot-type photomicro sensor set

RZ - ES3 - N

Sensor set

Sensor type

N	NPN
P	PNP

* With RLT sensor, mounting seat, bolt, nut and cable 2m.

Accessory kits

AK - ES3 - 16

Accessory kits

Size

16
20

* With interrupter and bolt.