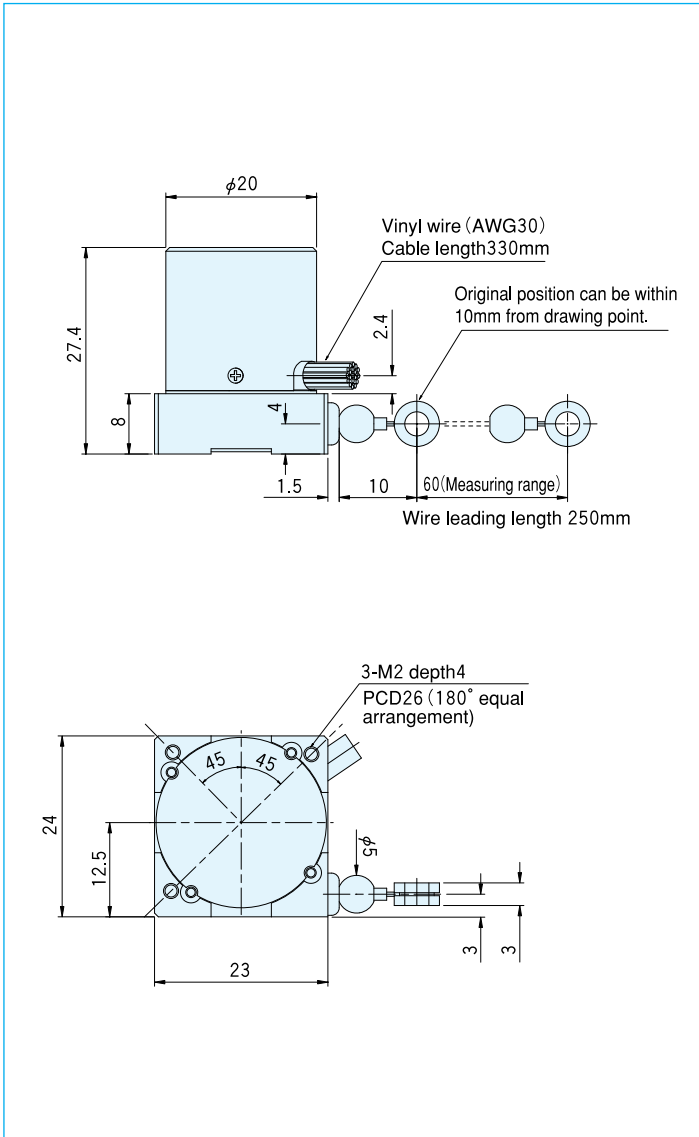


MLA-I7 series

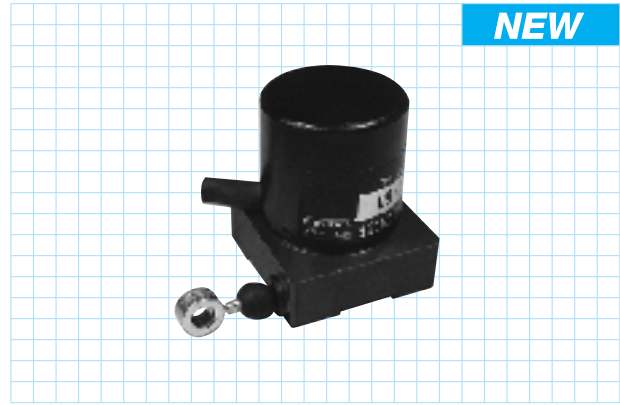
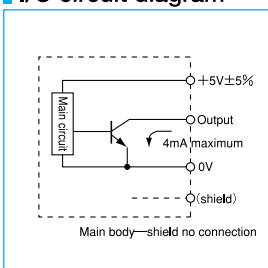
[Absolute]

- Smallest in the series: Outside dimensions 23×24×27.4 (H)
- Measuring range: 60mm (*Max, 250mm)
- Main Applications: Robot Machine, small actuator, conductor apparatus, manipulator, Jack-up controller for building industry and etc.

Outside dimensions



I/O circuit diagram

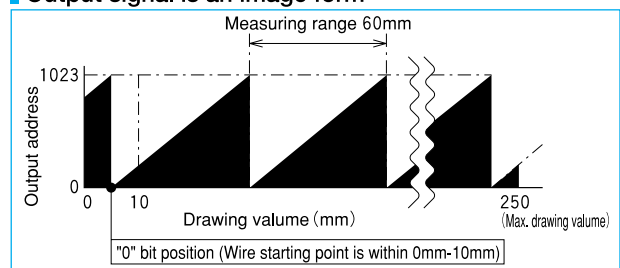


NEW

Specifications

Type name	MLA17- <input type="checkbox"/> <input type="checkbox"/> 1-60
Item	Pulse number 1,024 (G, N) or 1,000 (B)
	Output code ●G=Gray code ●N=Pure binary code ●B=BCD code
Supply voltage	DC5V±5%
Current consumption	70mA or less (under no load)
Output code	G:gray code N:pure binary code B:BCD code
Logic	Negative logic (H=0, L=1)
Output circuit	NPN open collector
Output capacity	Sink current each bit 4mA max
Maximum response frequency	20kHz
measuring range	60mm (Please refer to the output signal image)
Output pulse number/mm	1,024/60 (G, N) , 1,000/60 (B)
Minimum resolution	G (N) :0.059mm B:0.06mm
Stroke speed	250mm/sec
Wire tensile force	0.39N~0.78N (40~80gf)
Working ambient temperature/humidity	0°C~+50°C/RH35%~90% (no dewing)
Storage ambient temperature	-20~+80°C
Vibration resistance	Durability 55Hz, double amplitude 1.5mm 2 hours each in X, Y, and Z directions
Impact resistance	50G 3 times each in X, Y, and Z directions
Cable	Vinyl wire (AWG30) Cable length 330mm
Mass	40g

Output signal is an image form



Description

SE series

ME series

MGH series

MA series

MXS series

MLS series

MLA series

REH series

MT series

DC series

Setting Option/
Coupling

INDEX