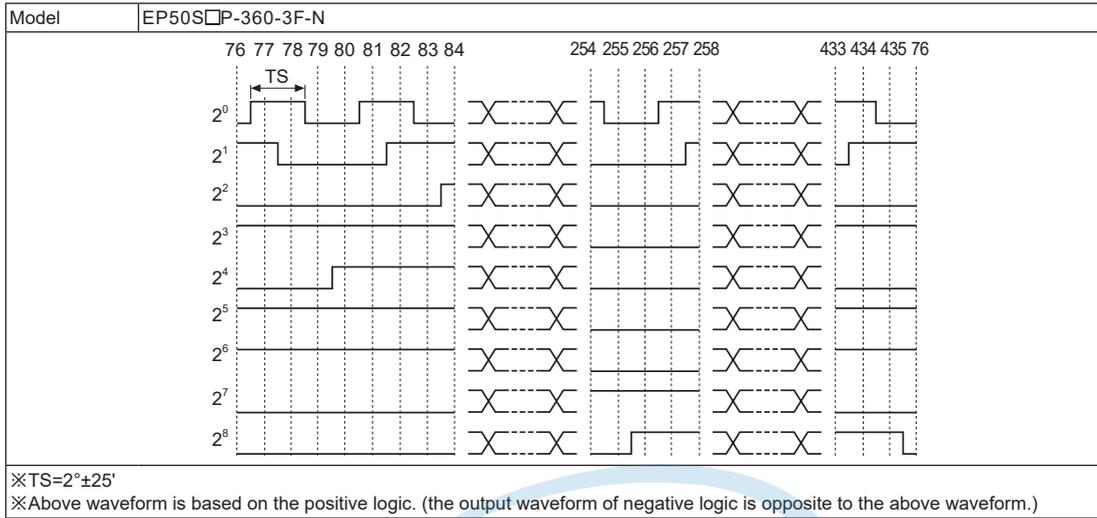




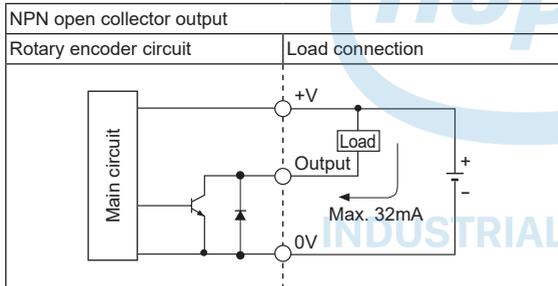
# Plastic case, Absolute Ø50mm Single-turn Shaft Type

## Output Waveform

360-division



## Control Output Diagram



※Be sure that if overload or short-circuit to output terminal, output circuit is damaged.

## Connections

		Resolution
		360-division
Power	White	+V (5VDC, 12-24VDC)
	Black	0V (GND)
Output wire	Brown	2 <sup>0</sup>
	Red	2 <sup>1</sup>
	Orange	2 <sup>2</sup>
	Yellow	2 <sup>3</sup>
	Blue	2 <sup>4</sup>
	Purple	2 <sup>5</sup>
	Gray	2 <sup>6</sup>
	White/Brown	2 <sup>7</sup>
	White/Red	2 <sup>8</sup>
	White/Orange	N-C
	Shield wire	F.G.

※Do not apply tensile strength over 30N to the cable.

SENSORS

CONTROLLERS

MOTION DEVICES

SOFTWARE

(A) Photoelectric Sensors

(B) Fiber Optic Sensors

(C) LiDAR

(D) Door/Area Sensors

(E) Vision Sensors

(F) Proximity Sensors

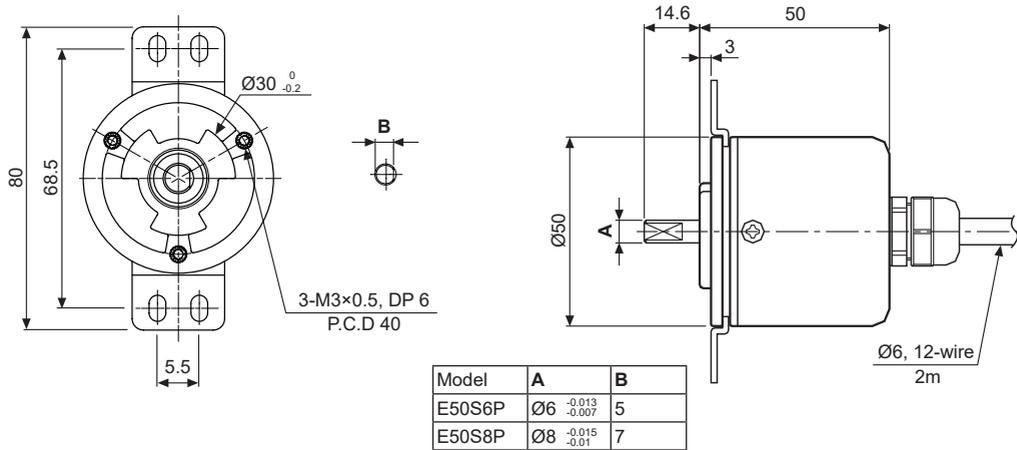
(G) Pressure Sensors

(H) Rotary Encoders

(I) Connectors/  
Connector Cables/  
Sensor Distribution  
Boxes/ Sockets

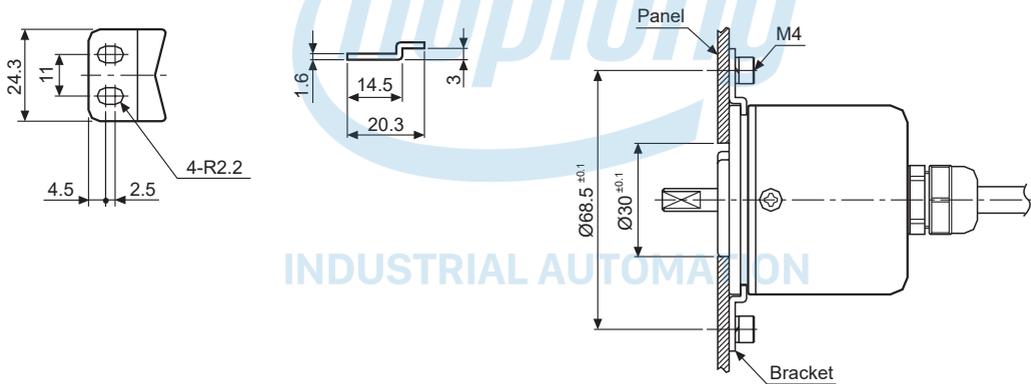
## ■ Dimensions

(unit: mm)



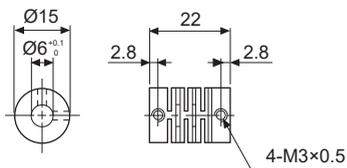
## ○ Bracket

(unit: mm)

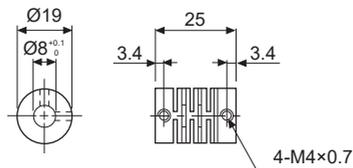


## ○ Coupling

### ● Ø6mm coupling



### ● Ø8mm coupling



- Parallel misalignment: max. 0.25mm
- Angular misalignment: max. 5°
- End-play: max. 0.5mm

- ※ Do not load overweight on the shaft.
- ※ Do not put strong impact when insert a coupling into shaft. Failure to follow this instruction may result in product damage.
- ※ Fix the unit or a coupling by a wrench under 0.15N·m of torque.
- ※ When you install this unit, if eccentricity and deflection angle are larger, it may shorten the life cycle of this unit.
- ※ For parallel misalignment, angular misalignment, end-play terms, refer to the "Glossary" section of Technical Description.
- ※ For flexible coupling (ERB series) information, refer to the ERB series section.