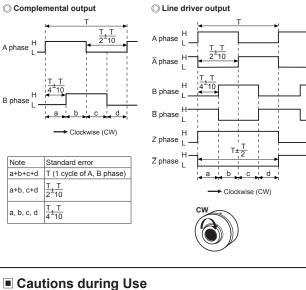


Specifications Hollow Shaft Type Ø88mm Increment			
Item Hollow Shaft Type Ø88mm Increment			
Model E88H30-1024-2-15 Revolution (PPR) 1,024	E88H30-1024-6-L-5		
Output phase A, B phase	A, A, B, B, Z, Z phase		
Phase difference of output Output between A and B phase: $\frac{T}{4}$			
5 Control output • [L]-Load current: max. 15mA, Residual voltage: max. 2.0VDC 6 [H]-Load current: max. 15mA, Output voltage: min. 10VDC= 7 Response time (rise, fall) Max. 1µs (cable length: 8m, load resistance: 1µ (requency) 8 Power supply 150kHz 9 Power supply 15VDC== ±5% (ripple P-P: max. 5%)	 [L]-Load current: max. 20mA, Residual voltage: max. 0.5VDC= [H]-Load current: max20mA, Output voltage: min. 2 5VDC= 		
B Response time Max. 1µs (cable length: 8m, load resistance: 1k	Max. 0 5 μ s (cable length: 8m L sink = 20mA)		
Big Max. response 150kHz 150kHz 150kHz 150kHz	(cable length: 8m, load resistance: 1kΩ) (cable length: 8m, I sink = 20mA) 150kHz		
Power supply 15VDC== ±5% (ripple P-P: max. 5%)	15VDC== ±5% (ripple P-P: max. 5%) 5VDC== ±5% (ripple P-P: max. 5%)		
Current consumption Max. 60mA (disconnection of the loa			
Insulation resistance Over 100MΩ (at 500VDC megger)	· · · · · · · · · · · · · · · · · · ·		
Dielectric strength 750VAC 50/60Hz for 1 min (between	all terminals and case)		
Connection Radial cable type			
TR 5 Starting torque Max. 600gf cm (0.06N m)			
Moment of inertia Max. 800g·cm ² (8×10 ⁻⁵ kg m ²)			
Big Starting torque Max. 600gf cm (0.06N m) Woment of inertia Max. 800g cm² (8×10 ⁻⁵ kg m²) Big Radial: max. 5kgf, thrust: max. 2.5kg Big Max. allowable	11		
s contract allowable 3,600rpm			
Vibration 1 5mm amplitude at frequency of 10 to 55Hz (for 1 min) in each X, Y, Z direction for 2 hours			
Shock Approx. max. 100G			
Environ- Ambient temp10 to 70°C, storage: -25 to 85°C			
ment Ambient humi. 35 to 85%RH, storage: 35 to 90%RH	1		
Protection structure P50 (IEC standard)	Common O using One shield ashle		
Cable Ø6mm, 6-wire, 8m, shield able (AWG24, core diameter: 0.16mm, number of cores: 11,	Ø6mm, 8-wire, 8m, shield cable (AWG24, core diameter: 0.08mm, number of cores: 40,		
insulator out diameter: Ø1mm)	insulator out diameter: Ø1mm)		
Accessory Spring bracket: 2			
Approval C€ (except line driver output model) Weight ^{∞2} Approx. 1.49kg (approx. 1.45kg)			
when selecting the resolution. [Max. response revolution (rpm)= Max. response frequency Resolution × 60 sec] %2: The weight includes packaging. The weight in parenthesis is for unit only. %Environment resistance is rated at no freezing or condensation.			
Dimensions	(unit: mm)		
	8 59.5		
	by a wrench under 0.15 N·m of torque.		
980 112 2.032 ★Fix the unit	ide i de internetione de la companya		
Fix the unit	by a wrench under 0.15 N·m of torque.		
Fix the unit	by a wrench under 0.15 N·m of torque.		
Connections Complemental output Complemental output Complemental output	by a wrench under 0.15 N⋅m of torque.		
■ Connections © Complemental output □ Creen: OUT A	by a wrench under 0.15 N⋅m of torque.		
Connections Green: OUT A Green: OUT B	by a wrench under 0.15 N⋅m of torque.		
Connections Complemental output Green: OUT A Green: OUT A	driver output Green: OUT A Green: OUT A Grange: OUT A Yellow: OUT B Gray: OUT B Gray: OUT Z Gray: OUT Z		
Connections Green: OUT A Green: OUT B	by a wrench under 0.15 N⋅m of torque. driver output Green: OUT A Grange: OUT A Hellow: OUT B Hyllow: OUT B Hyllow: OUT B Gray: OUT Z		

Output Waveforms

B phase



Cautions during Use

1. Follow instructions in 'Cautions during Use'. Otherwise, t may cause unexpected accidents. 2. 5VDC, 15VDC power supply should be insulated and limited voltage/current or Class 2, SELV power supply device. 3. For using the unit with the equipment which generates noise (switching regulator, inverter, servo motor, etc.), ground the shield wire to the F.G. terminal. 4. Ground the shield wire to the F.G. terminal. 5. When using switching mode power supply, frame ground (F.G.) terminal of power supply should be arounded. 6. Wire as short as possible and keep away from high voltage lines or power lines, to prevent inductive noise. 7. For Line driver unit, use the twisted pair wire which is attached seal and use the receiver for RS-422A communication. 8. Check the wire type and response frequency when extending wire because of distortion of waveform or residual voltage increment etc by line resistance or capacity between lines. 9. This unit may be used in the following environments. (Indoors (in the environment condition rated in 'Specifications') ②Altitude max. 2.000m ③Pollution degree 2 ④Installation category II

Major Products

 Photoelectric Sensors Fiber Optic Sensors Door Sensors Door Side Sensors Area Sensors 	Temperature Controllers Temperature/Humidity Tran SSRs/Power Controllers Counters Timers	sducers
Proximity Sensors	Panel Meters	
Pressure Sensors	Tachometer/Pulse (Rate) N	leters
Rotary Encoders	Display Units	
Connectors/Sockets	Sensor Controllers	
Switching Mode Power Supplies		
Control Switches/Lamps/Buzzers		
I/O Terminal Blocks & Cables Stepper Motors/Drivers/Motion Controllers GraphiCugic Panels Field Network Devices Laser Marking System (Fiber, Co ₂ , Nd: YAG) Laser Welding/Cutting System		RusAutomation
		ООО "РусАвтоматизация"
		454010 г Челябинск, ул Гагарина 5, оф 507 тел 8 800 775 09 57 (звонок бесплатный), тел (351)799 54 26, тел /факс (351)211 64 57