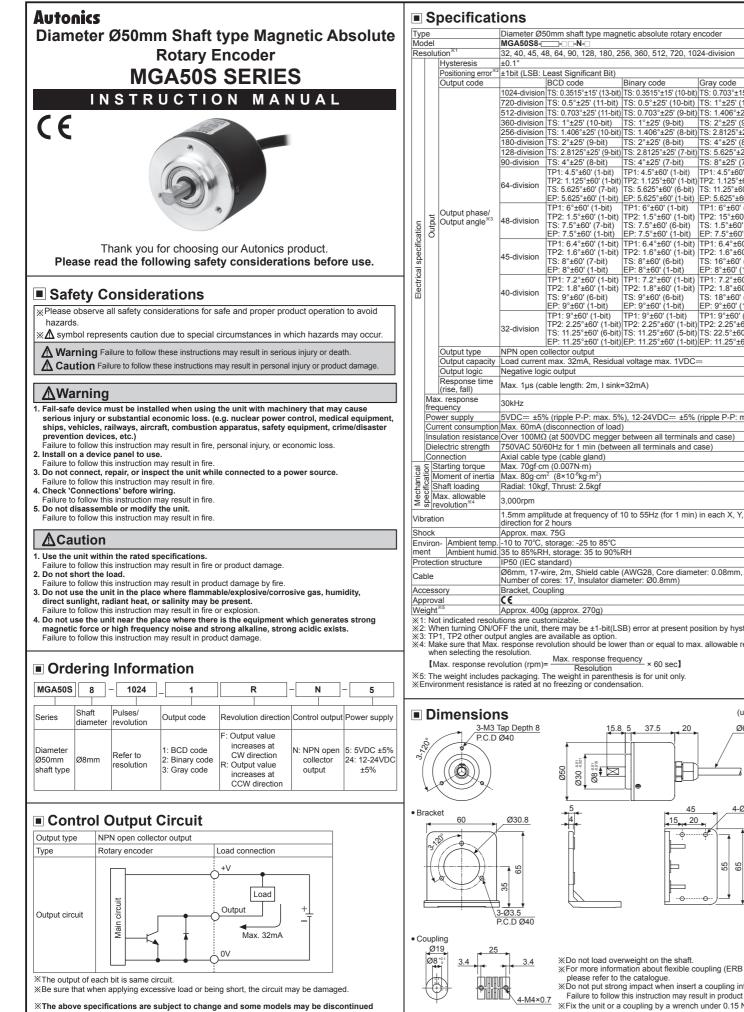
without notice.

descriptions (catalog, homepage)

※Be sure to follow cautions written in the instruction manual, and the technical



45

15 20

Parallel misalignment: Max. 0.25mm

 Angular misalignment: Max. 5° End-play: Max. 0.5mm

torque.

XWhen you install this unit, if eccentricity and defle

angle are larger, it may shorten the life cycle of th

	Output Waveform (BCD Code Output)	Connection BCD Code	
	- 32-1 N 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 '0 JTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTUTU	Resolution 32 40 45 48 64 90 128 180 256 360 512 720 Color -division -divis	ion 1024
		White +V Black 0V	
5' (10-bit) 2º		Brown 2 ⁰	
0-bit) 5' (9-bit) 2 ¹		Red 21 Orange 22	
<u>9-bit)</u>		Yellow 2 ³ Green 2 ^o ×10	
25 (8-Dit) 3-bit)		Blue 21×10	
<u>'5' (7-bit)</u>		and form Purple N·C 2²×10 Gray TP1 2²×10	
2 ⁰ ×10 60' (1-bit) 2 ¹ ×10 2 ¹ ×10		TP2 N·C 2º×100 Transparent EP N·C 2'×100	
0' (1-bit)		O Transparent EP N·C 2'×100 Light Brown N·C 2²×11 2²×11	00
		Light Yellow N-C Light Green N-C	2 ³ ×100
(1-bit) X The shove waveform	5°±60', TS=11.25°±60', EP=11.25°±60' is based on the positive logic.	Light Blue N-C	
	of negative logic is opposed.)	Light Purple N·C Shield cable Signal shield cable (F.G.)	
1-bit) 32-Division C	Output Waveform (Binary Code Output)	t) • Binary Code/Gray Code Resolution 32 40 45 48 64 90 128 180 256 360 512 720	1024
(6-bit)	-32-2N	Color -division	ion -divisior
	8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 '0 ערערייעריעריעריעריעריעריעריעריעריעריעריע	Black 0V	
0' (5-bit)		Brown 2° Red 2'	
		Orange 2 ² Yellow 2 ³	
21		Green 24	
2 ²		Blue N·C 2 ⁵ Purple N·C 2 ⁶ Gray TP1 N·C 2 ⁷	
2 ³ 2 ³		Image: Second	
24		Transparent EP N·C	2 ⁹
		Light Brown N-C	
		Light Green N-C	
	5°±60', TS=11.25°±60', EP=11.25°±60' is based on the positive logic.	Light Puple N·C	
	of negative logic is opposed.)	Signal shield cable (F.G.) XNon-using wires must be insulated.	
	Output Waveform (BCD Code Output)	 *Encoder case and shield cable must be grounded. *N.C (Not Connected) : Not using. 	
	-1024-1□-N-□	output circuit.	s used at
		XDo not apply tensile strength over 30N to the cable.	
2 ² 2 ³		Cautions during Use See See 1. Follow instructions in 'Cautions during Use'. Otherwise, It may cause unexpected	
2 ⁰ ×10		accidents.	
2 ¹ ×10 2 ² ×10		 5VDC, 12-24VDC power supply should be insulated and limited voltage/current or C SELV power supply device. 	lass 2,
2 ³ ×10		3. For using the unit with the equipment which generates noise (switching regulator, in	verter,
2°×100 2 ¹ ×100		servo motor, etc.), ground the shield wire to the F.G. terminal. 4. Ground the shield wire to the F.G. terminal.	
2 ² ×100 2 ³ ×100		5. When using switching mode power supply, frame ground (F.G.) terminal of power su	ipply
unit: mm) 2 ⁰ ×1000		should be grounded.6. Wire as short as possible and keep away from high voltage lines or power lines,	
16, 2m	•	to prevent inductive noise. 7. Check the wire type and response frequency when extending wire because of distor	rtion of
	is based on the positive logic. of negative logic is opposed.)	waveform or residual voltage increment etc by line resistance or capacity between li	
		8. This unit may be used in the following environments. ①Indoors (in the environment condition rated in 'Specifications')	
	Output Waveform (Binary Code Output)	t) ②Altitude max. 2,000m ③Pollution degree 2	
Ø3.5 Model MGA50S8 0 1 2 3 4	1024-2 - N- 5 6 7 8 511 512 513 1021 1022 1023 '0	(Installation category II	
21		Major Products Photoelectric Sensors Temperature Controllers	
2 ²		Fiber Optic Sensors Temperature/Humidity Transducers	
2 24		Door Sensors SSRs/Power Controllers Door Side Sensors Counters	
25		Area Sensors Timers Proximity Sensors Panel Meters	
26		Pressure Sensors Tachometer/Pulse (Rate) Meters Rotary Encoders Display Units	
27		Connector/Sockets Sensor Controllers	
Series), 2 ⁸		Control Switches/Lamps/Buzzers Autonics Corporation	
to shaft.		Stepper Motors/Drivers/Motion Controllers	
N·m of X·m of X·m of X·TS=0.3515°±15'		Graphic/Logic Panels Graphic/Logic Panels Field Network Devices Field Network Devices TEL: 82-51-519-3232	រា, South
	is based on the positive logic.	Laser Marking System (Fiber, CO ₂ , Nd: YAG)	
is unit. (The output waveform	i or negative logic is opposed.)	Laser Welding/Cutting System DRW1713	382AA