

MODEL: AE16-14-PWM	PRODUCT SPECIFICATIONS		
	UNIT	VALUE	
PARAMETER		TYPE A	TYPE B
RESOLUTION	<i>bit</i>	14	
INTERFACE		DIGITAL	
PROTOCOL		PWM	
DUTY CYCLE	<i>%</i>	0~100	
OUTPUT FREQUENCY	<i>Hz</i>	976	
POWER SUPPLY	<i>VDC</i>	5±0.1	
CURRENT	<i>mA</i>	25	
UPDATE RATE	<i>Hz</i>	1200	600
NOISE SENSITIVITY	<i>degree</i>	±0.02	Less than ±0.02
OPERATING TEMPERATURE	<i>°C</i>	-40~ + 85	
BODY DIAMETER	<i>mm</i>	16	
BODY HEIGHT	<i>mm</i>	16	
SHAFT DIAMETER	<i>mm</i>	3	
SHAFT LENGTH	<i>mm</i>	9	
MAX. SCREW DEPTH	<i>mm</i>	5	
WEIGHT	<i>gr</i>	13	



WIRING

RED: +5VDC

BLUE: OUTPUT PWM

BROWN: GND



PARGAS SANAT FARTAK CO., LTD.

CODE: MAGNETIC ROTARY ENCODER

MATERIAL: BRASS/ALUMINIUM ALLOY

DATE: 1400/02/01

