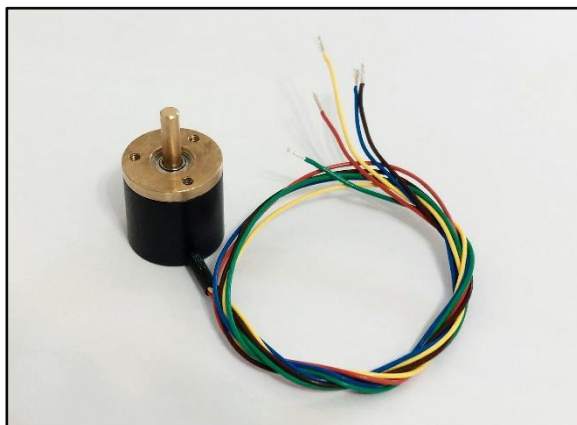


MODEL: AE16-12-SPI		PRODUCT SPECIFICATIONS	
PARAMETER	UNIT	VALUE	
RESOLUTION	<i>bit</i>	12	
INTERFACE		DIGITAL	
PROTOCOL		SPI	
MAX. CLOCK FREQUENCY	<i>MHz</i>	1	
POWER SUPPLY	<i>VDC</i>	5±0.1	
CURRENT	<i>mA</i>	25	
SAMPLING RATE	<i>KHz</i>	10	
NOISE SENSITIVITY	<i>degree</i>	±0.03	
OPERATING TEMPERATURE	°C	-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>	9.5	
MAX. SCREW DEPTH	<i>mm</i>	4	
WEIGHT	<i>gr</i>	13	



WIRING

RED: +5VDC

BROWN: GND

YELLOW: CS

ORANGE: SCK

BLUE: MISO

READ PACKAGE																			
BIT	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
	DATA <11:0>																		EVEN PAR
DEFINITION																			
B[1]: PARITY				PARITY BIT (EVEN)															
B[2..6]: STATUS BIT				STATUS BIT [RESERVED]															
B[7..18]: DATA				12 BIT DATA															



PARGAS SANAT FARTAK CO., LTD.

CODE: MAGNETIC ROTARY ENCODER

MATERIAL: BRASS/ALUMINIUM ALLOY

DATE: 1400/02/01

