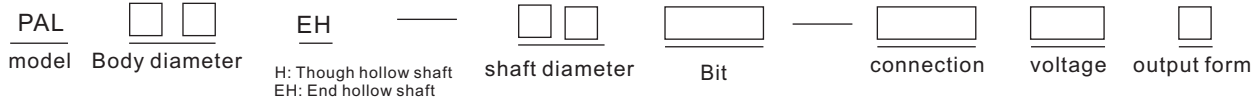


PAL40EH series

External diameter $\Phi 40\text{mm}$, end hollow shaft diameter $\Phi 8\text{mm}$ 12 bit.

Output with a modbus interface. Side entry cable.

Explanation of model



For example

PAL40EH8-12--G12-24BS-5M is hollow shaft $\Phi 8\text{mm}$, 12 bit, side entry cable, supply voltage 12-24V pure binary.

Technical data

Angle range	0~360°	Starting torque	$2 \times 10^{-3} \text{N} \cdot \text{m} (+25^\circ\text{C})$
Bit	12	Shaft loading	Radial 20N Axial, 10N
Resolution	4096	Rotating inertia	$2 \times 10^{-7} \text{Kg} \cdot \text{m}^2$
Accuracy	$\pm 60''$	Max rotating speed	600r/min
Operating voltage	DC12-24V	Vibration resistance	$30\text{m/s}^2 (10 \sim 200\text{Hz})$
Output code	pure binary	Shock resistance	300m/s^2
Refresh	200Hz	Protection	Ip54
Wiring method	Modbus interface	Operating temperature	30~85%RH
Operating temperature	-40°C ~ +70°C	Weight (no cable)	0.4kg
Storage temperature	-45°C ~ +80°C		

Connection table

Plug code	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
Form	Parallel	Vcc	0V	2 ⁰	2 ¹	2 ²	2 ³	2 ⁴	2 ⁵	2 ⁶	2 ⁷	2 ⁸	2 ⁹	2 ¹⁰	2 ¹¹	2 ¹²	2 ¹³	2 ¹⁴	2 ¹⁵	—	
		20	21	22	23	24	25														Shield
		—	—	—	—	—	—														
Form	Serial	1	2	3	4	5	6	7	8	9											Shield
		Vcc	0V	TXD+	TXD-																

Dimension(mm)

