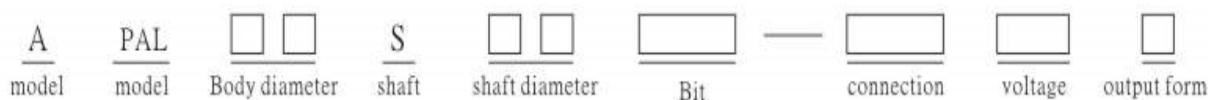


A-PAL58S series



- Outer diameter $\Phi 58$, flange diameter $\Phi 32$, resolution from 10 to 17 bit.
- Shaft size $\Phi 10 \times 20$, shaft $\Phi 15$ available, SE or PE coupling can be chosen
- Pure binary/Gray output. Side entry cable

Explanation of model



For example

A-PAL58S10-17-R05BS is shaft $\Phi 10$, 17 bit, back entry cable, supply voltage 5V pure binary.

Technical data

Angle range	0~360°	Starting torque	$1.5 \times 10^{-3} \text{N} \cdot \text{m} (+25^\circ\text{C})$
Bit	10~17	Shaft loading	Radial(Radial) 20N Axial(Axial) 10N
Resolution	10 "	Rotating inertia	$4 \times 10^{-6} \text{Kg} \cdot \text{m}^2$
Accuracy	$\pm 30 "$	Max rotating speed	600r/min
Operating voltage	DC5V	Vibration resistance	$50 \text{m/s}^2 (10 \sim 200 \text{Hz})$ (XYZeach direction 2hours)
Output code	pure binary	Shock resistance	980m/s^2 (XYZeach direction 2times, 每times 6ms)
Refresh	200Hz	Protection	IP65
Wiring method	Rs 485 串口 Serial	Operating temperature	30 ~ 85%RH
Operating temperature	-40°C ~ +70°C	Weight (no cable)	0.5kg
Storage temperature	-45°C ~ +80°C	Accessories	SE/PE Coupling

Connection table

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

Dimension(mm)

