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Absolute Encoder

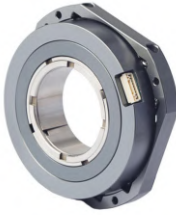


- ▲ HENGXIANG provides single and multi-turn absolute encoders
- ▲ Shaft types - through shaft, blind shaft, solid shaft available
- ▲ Shaft diameter $\phi 6\text{mm}$ - $\phi 40\text{mm}$
- ▲ Single-turn up to 32 bits, multi-turn up to 24 bits
- ▲ Supports a wide range of standard communication protocols such as Biss-C/SSI/RS485/Parallel/Gray code/Binary
- ▲ Highest protection grade is IP65

Model Selection

	KJ38	Single-Turn Parallel Gray Code Absolute-Hollow Shaft Outer Dia: $\phi 38\text{mm}$; Thickness: 38mm Shaft: $\phi 5\text{mm}$; $\phi 6\text{mm}$; $\phi 8\text{mm}$ (Blind-hole) Steps: 5bit (32) -11bit (2048) Circuit:NPN;PNP Speed: $\leq 3000\text{ rpm}$ Working Temperature: $-20\sim +85^{\circ}\text{C}$ Grade:IP50; IP65 Weight: 140g		SJ38	Single-Turn Parallel Gray Code Absolute-Solid Shaft Outer Dia: $\phi 38\text{mm}$; Thickness: 28mm Shaft: $\phi 6\text{mm}$ Steps: 5bit (32) -11bit (2048) Circuit: NPN;PNP Speed: $\leq 4000\text{ rpm}$ Working Temperature: $-20\sim +85^{\circ}\text{C}$ Grade:IP50;IP65 Weight: 130g
	KJ50	Single-Turn Parallel Gray Code Absolute-Hollow Shaft Outer Dia: $\phi 51\text{mm}$; Thickness: 39mm Shaft: $\phi 8\text{mm}$ - $\phi 15\text{mm}$ (Blind&Thru-hole) Steps: 5bit (32) -12bit (4096) Circuit: NPN;PNP Speed: $\leq 3000\text{ rpm}$ Working Temperature: $-20\sim +85^{\circ}\text{C}$ Grade:IP50; IP65 Weight: 310g		SJ50	Single-Turn Parallel Gray Code Absolute-Solid Shaft Outer Dia: $\phi 51\text{mm}$; Thickness: 29mm Shaft: $\phi 8\text{mm}$; $\phi 10\text{mm}$ Steps: 5bit (32) -12bit (4096) Circuit: NPN;PNP Speed: $\leq 4000\text{ rpm}$ Working Temperature: $-20\sim +85^{\circ}\text{C}$ Grade:IP50;IP65 Weight: 300g
	KJ58	Single-Turn Parallel Gray Code Absolute-Hollow Shaft Outer Dia: $\phi 58\text{mm}$; Thickness: 25mm Shaft: $\phi 14\text{mm}$ - $\phi 25\text{mm}$ (Thru-hole) Steps: 5bit (32) -12bit (4096) Circuit: NPN;PNP Speed: $\leq 3000\text{ rpm}$ Working Temperature: $-20\sim +85^{\circ}\text{C}$ Grade:IP50; IP65 Weight: 180g		SJ58	Single-Turn Parallel Gray Code Absolute-Solid Shaft Outer Dia: $\phi 58\text{mm}$; Thickness: $36\sim 40\text{mm}$ Shaft: $\phi 6\text{mm}$; $\phi 8\text{mm}$; $\phi 10\text{mm}$ Steps: 5bit (32) -12bit (4096) Circuit: NPN;PNP Speed: $\leq 4000\text{ rpm}$ Working Temperature: $-40\sim +95^{\circ}\text{C}$ Grade:IP50;IP65 Weight: 420g
	SM39	Single-turn & Multi-turn Absolute-Solid Shaft Outer Dia: $\phi 39\text{mm}$; Thickness: 31.5mm Shaft: $\phi 6\text{mm}$; $\phi 8\text{mm}$; $\phi 10\text{mm}$ Communication: BISS-C;SSI Output: Binary/Gray code Pulse: 17-24bits (Max 32 bits) Interface: RS-485 Accuracy: $\pm 80''$ Speed: $\leq 6000\text{ rpm}$ Working Temperature: $-40\sim +95^{\circ}\text{C}$ Grade:IP50;IP65 Weight: 130g		SM58	Single-turn & Multi-turn Absolute Solid Shaft Outer Dia: $\phi 39\text{mm}$; Thickness: 31.5mm Shaft: $\phi 6\text{mm}$; $\phi 8\text{mm}$; $\phi 10\text{mm}$ Communication: BISS-C;SSI Output: Binary/Gray code Pulse: 17-24bits (Max 32 bits) Interface: RS-485 Accuracy: $\pm 80''$ Speed: $\leq 6000\text{ rpm}$ Working Temperature: $-40\sim +95^{\circ}\text{C}$ Grade:IP50&IP65 Weight: 420g

Absolute Encoder

	MP35	Single-turn Absolute Hollow Shaft Outer Dia:φ35mm; Thickness:15mm Shaft: φ6mm;φ8mm (Thru-hole) Communication: BISS-C;SSI Output:Binary/Gray code Pulse: 17-24bits (Max 32 bits) Interface: RS-485 Accuracy: ±80" Speed:≤6000 rpm Working Temperature: -20~+95°C Grade:IP50 Weight: 70g		MPN35	Single-turn Absolute Hollow Shaft Outer Dia:φ35mm;Thickness:16.2mm Shaft: φ6mm;φ8mm (Thru-hole) Communication: BISS-C;SSI Output:Binary/Gray code Pulse: 17-24bits (Max 32 bits) Interface: RS-485 Accuracy: ±80" Speed:≤6000 rpm Working Temperature: -20~+95°C Grade:IP50 Weight: 70g
	KM39	Single-turn & Multi-turn Absolute Hollow Shaft Outer Dia:φ39mm; Thickness:41mm Shaft: φ6mm;φ8mm;φ10mm (Blind-hole) Communication: BISS-C;SSI Output: Binary/Gray code Pulse: 17-24bits (Max 32 bits) Interface: RS-485 Accuracy: ±80" Speed:≤6000 rpm Working Temperature: -40~+95°C Grade:IP50;IP65 Weight: 150g		KM42	Single-turn & Multi-turn Absolute-Hollow Shaft Outer Dia:φ42mm; Thickness:33mm Shaft: φ6mm;φ8mm;φ10mm (Thru-hole) Communication: BISS-C;SSI Output: Binary/Gray code Pulse: 17-24bits (Max 32 bits) Interface: RS-485 Accuracy: ±80" Speed:≤6000 rpm Working Temperature: -40~+95°C Grade:IP50&IP65 Weight: 150g
	MP55	Single-turn & Multi-turn Absolute-Hollow Shaft Outer Dia:φ55mm; Thickness:15mm Shaft: φ14mm-φ24mm (Thru-hole) Communication: BISS-C;SSI Output:Binary/Gray code Pulse: 17-24bits (Max 32 bits) Interface: RS-485 Speed:≤3000 rpm Working Temperature: -20~+95°C Grade:IP50 Weight: 100g		MPN55	Single-turn & Multi-turn Absolute-Hollow Shaft Outer Dia:φ55mm;Thickness:15mm Shaft: φ14mm-φ24mm (Thru-hole) Communication: BISS-C;SSI Output:Binary/Gray code Steps: 17Bit-24Bits(Max 32 bits) Interface: RS-485 Accuracy: ±80" Speed:≤6000 rpm Working Temperature: -20~+95°C Grade:IP50 Weight: 150g
	MPB55	Single-turn & Multi-turn Absolute-Hollow Shaft Outer Dia:φ55mm; Thickness:16mm Shaft: φ14mm-φ24mm (Thru-hole) Communication: BISS-C;SSI Output: Binary/Gray code Pulse: 17-24bits (Max 32 bits) Interface: RS-485 Accuracy: ±80" Speed:≤4000 rpm Working Temperature: -20~+95°C Grade:IP50 Weight: 150g		KM55	Single-turn & Multi-turn Absolute-Hollow Shaft Outer Dia:φ55mm; Thickness:22mm Shaft: φ14mm-φ25mm (Thru-hole) Communication: BISS-C;SSI Output: Binary/Gray code Pulse: 17-24bits (Max 32 bits) Interface: RS-485 Accuracy: ±80" Speed:≤6000 rpm Working Temperature: -20~+95°C Grade:IP50 Weight: 150g
	KM58	Single-turn & Multi-turn Absolute-Hollow Shaft Outer Dia:φ58mm; Thickness:30mm Shaft: φ14mm-φ25mm (Thru-hole) Communication: BISS-C;SSI Output: Binary/Gray code Pulse: 17-24bits (Max 32 bits) Interface: RS-485 Accuracy: ±80" Speed:≤3000 rpm Working Temperature: -40~+95°C Grade:IP50;IP65 Weight: 180g		KM60	Single-turn & Multi-turn Absolute-Hollow Shaft Outer Dia:φ60mm; Thickness:39.8mm Shaft: φ6mm-φ15mm (Thru-hole) Communication: BISS-C;SSI Output: Binary/Gray code Pulse: 17-24bits (Max 32 bits) Interface: RS-485 Accuracy: ±80" Speed:≤6000 rpm Working Temperature: -40~+95°C Grade:IP50;IP65 Weight: 350g
	MPN80	Single-turn & Multi-turn Absolute-Hollow Shaft Outer Dia:φ80mm;Thickness:22mm Shaft: φ30mm-φ40mm (Thru-hole) Communication: BISS-C;SSI Output:Binary/Gray code Steps: 17Bit-24Bits(Max 32 bits) Interface: RS-485 Accuracy: ±80" Speed:≤3000 rpm Working Temperature: -20~+95°C Grade:IP50 Weight: 360g			