



SANSHENG
SENSOR



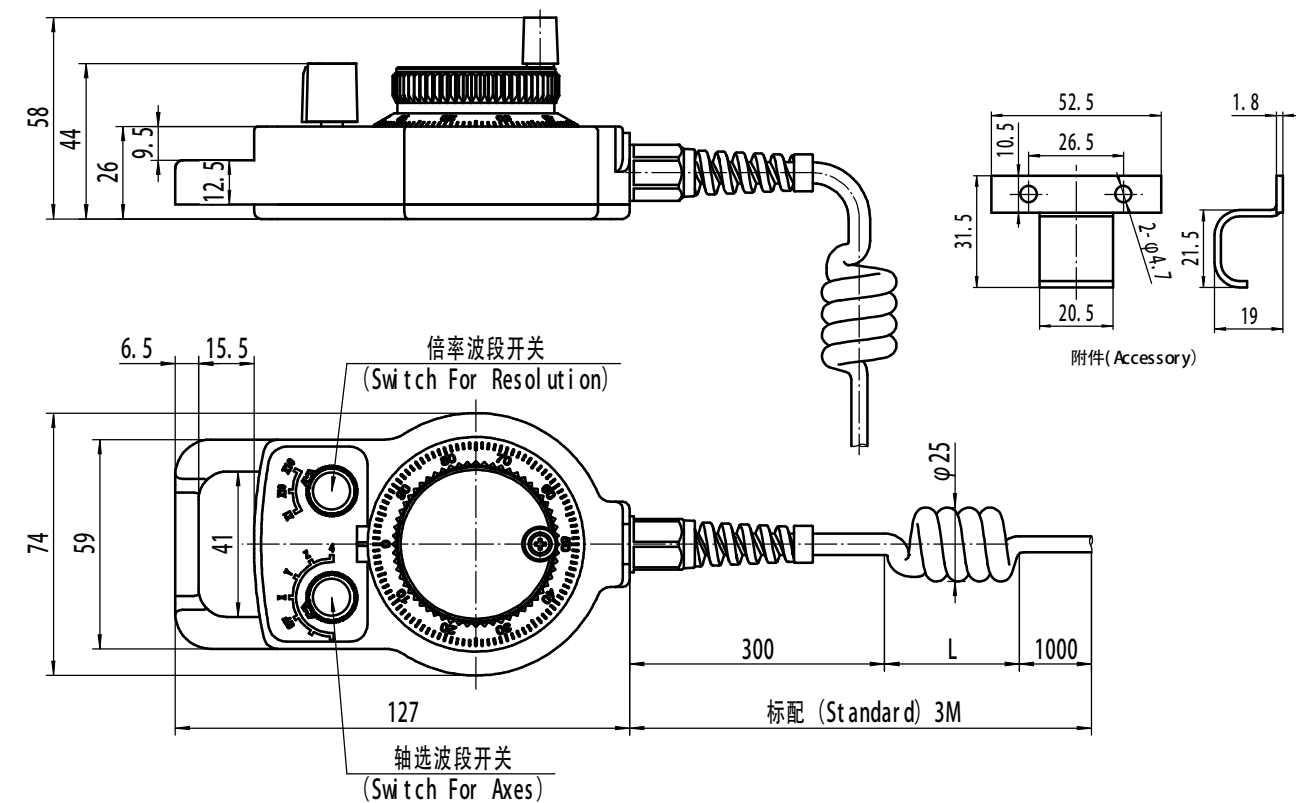
Product Selection Guide

SSC Applications & Features

Compact design, easy to move.
All-plastic housing, anti-oil, sealed.
Housing with hook and magnet.
Standard spiral cable 3M.
Widely used in CNC machine tools.



Mechanical Drawing



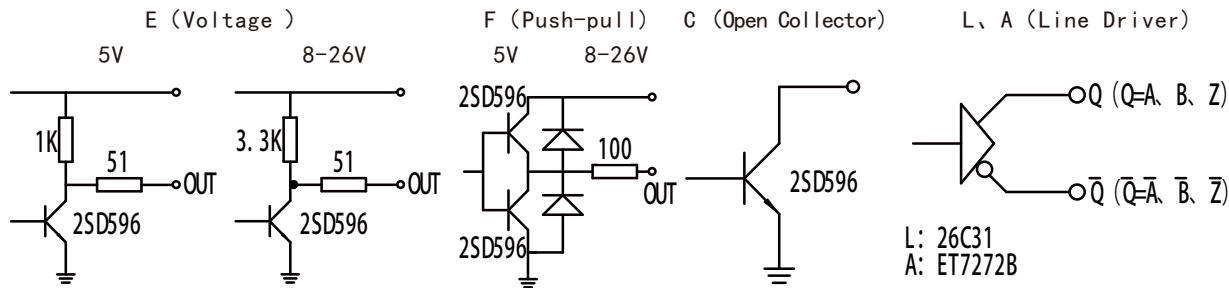
Electrical Specifications

Output Circuit	Supply Voltage DC (V)	Current Requirement (mA)	Output Voltage (V)		Rise Time (ns)	Fall Time (ns)	Frequency Response (kHz)
			V _H	V _L			
E (Voltage)	5 ± 0.25	≤ 60	≥ 3.5	≤ 0.5	≤ 500	≤ 100	0~100
	8~26		≥ V _{CC} -2.5	≤ 0.5	≤ 1500	≤ 300	
C (Open Collector)	5 ± 0.25	≤ 60					0~100
	8~26						
L (Line driver)	5 ± 0.25	≤ 100	≥ 2.5	≤ 0.5	≤ 200	≤ 200	0~100
A (Wide Voltage Line Driver)	8~26	≤ 80	≥ V _{CC} -2.5	≤ 0.8	≤ 800	≤ 200	0~100
F (Push Pull)	5 ± 0.25	≤ 60	≥ 3.5	≤ 0.8	≤ 300	≤ 200	0~100
	8~26		≥ V _{CC} -2.5	≤ 1.0	≤ 500	≤ 200	

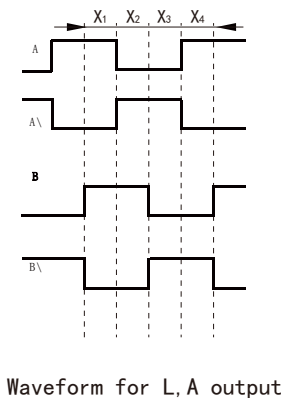
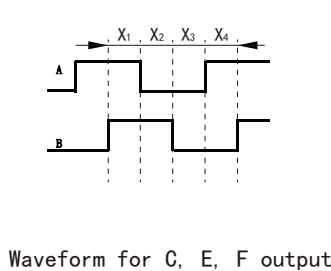
Enviromental Specifications

Max. Speed	600r/min
Operating Temp.	-10~+60°C
Store Temp.	-20~+70°C
Size	127*74*58mm
Weight	Approx. 0.555kg

Output Circuits



Output Waveform

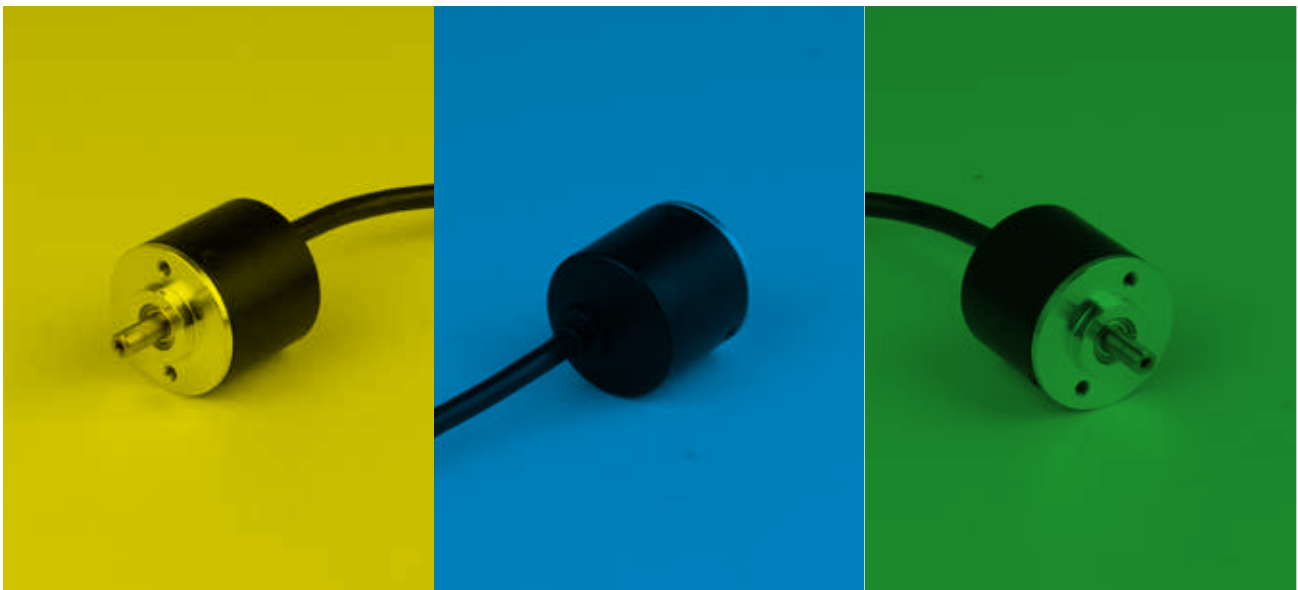
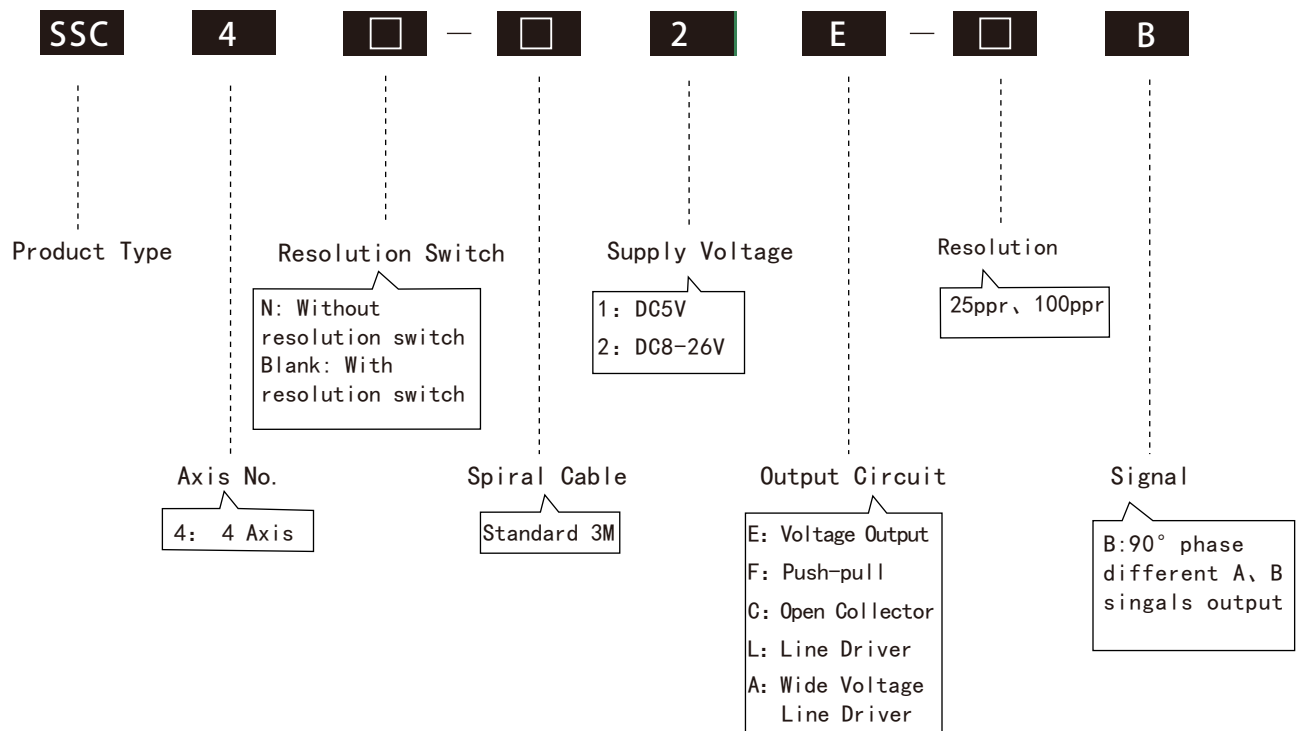


Wave Ratio : $X1+X2=0.5T\pm0.1T$
 $X2+X3=0.5T\pm0.1T$
Phase Different : $Xn\geq0.125T$ ($n=1, 2, 3, 4$)
Absolute Angle Error: $\leq0.2T$
Cycle Error : $\leq0.05T$
 $T=360^\circ / N$ (N =lines count per revolution)

Electrical Connections

Cable Color	RD	BK	YL	WH	LBU	GN	BN	DBU	OG	CR	GY	WH/BK	PK	PL
L	VCC	OV	A	B	COM	X	Z	4	Y	X1	X10	X100	A/	B/
E	VCC	OV	A	B	COM	X	Z	4	Y	X1	X10	X100	/	/

Order Information



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