



SANSHENG
SENSOR



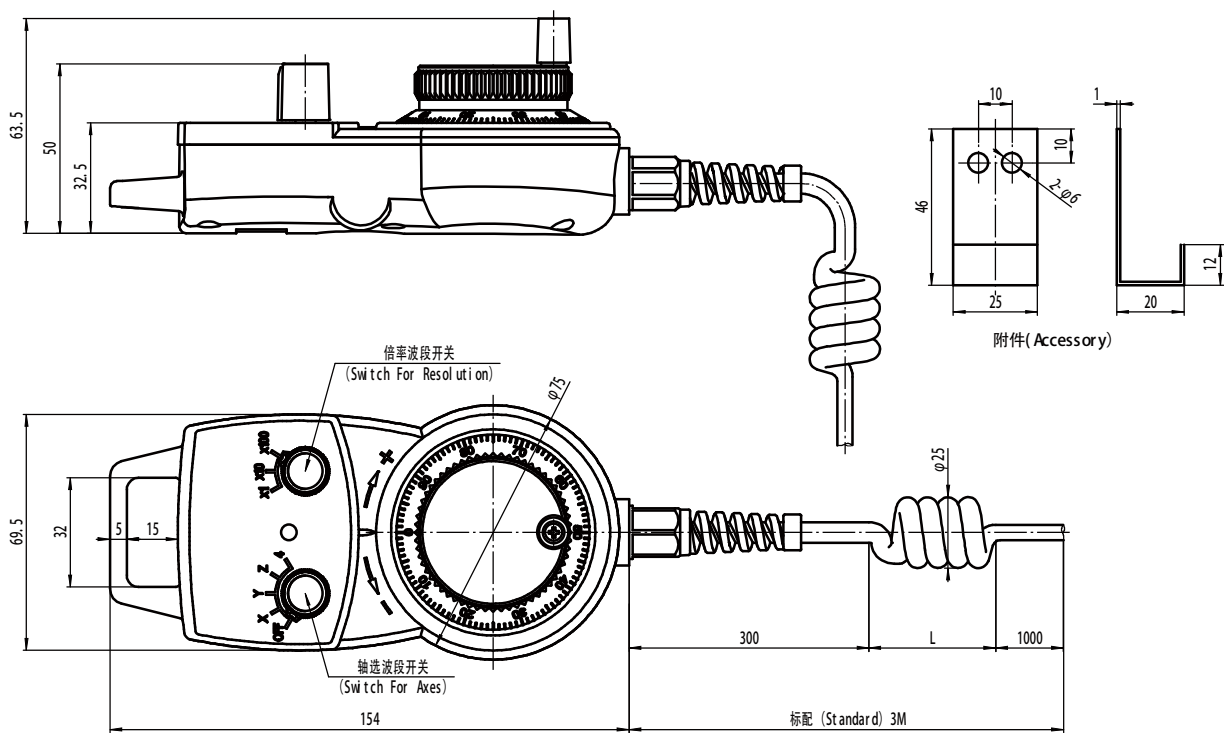
Product Selection Guide

SSD Applications & Features

New design, compact size.
All-plastic housing, anti-oil, sealed.
With axis selection switch and resolution switch.
Housing with hook and magnet.
Used for CNC machine tools and printing machinery.



Mechanical Drawing



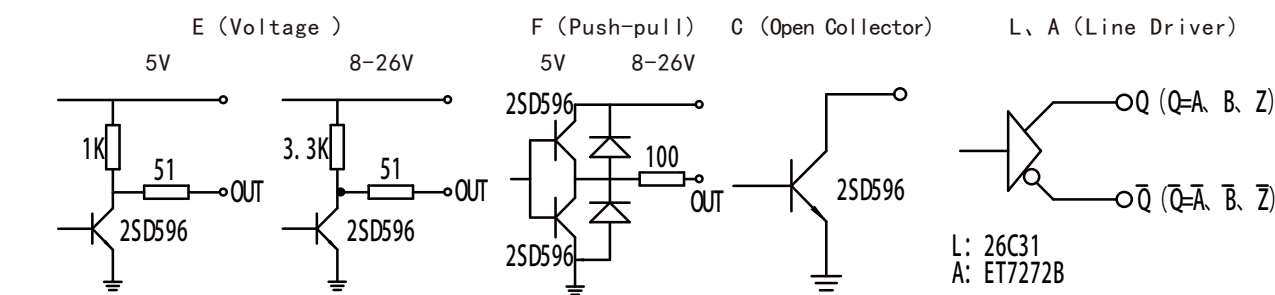
Electrical Specifications

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	

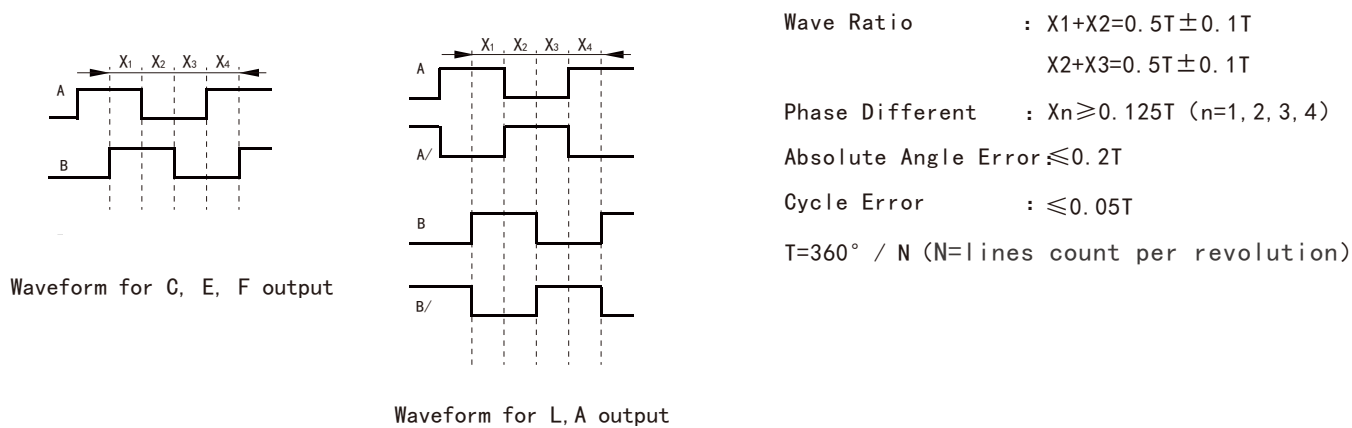
Enviromental Specifications

Max. Speed	600r/min
Operating Temp.	-10~+60℃
Store Temp.	-20~+70℃
Size	154*69.5*63.5mm
Weight	Approx. 0.57kg

Output Circuits



Output Waveform

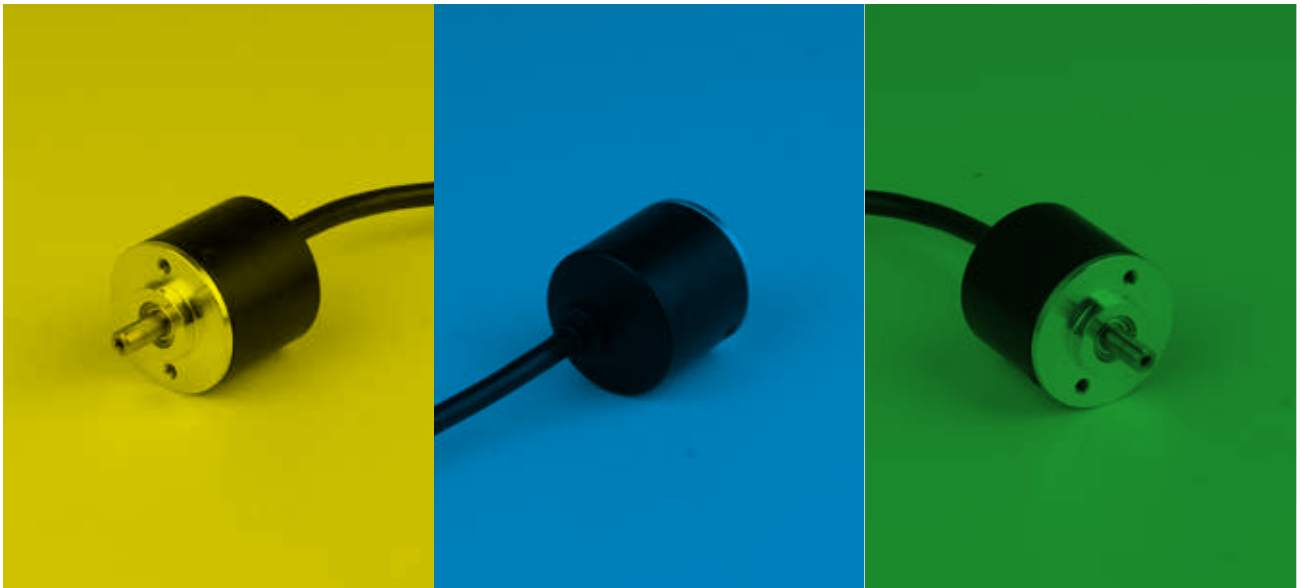
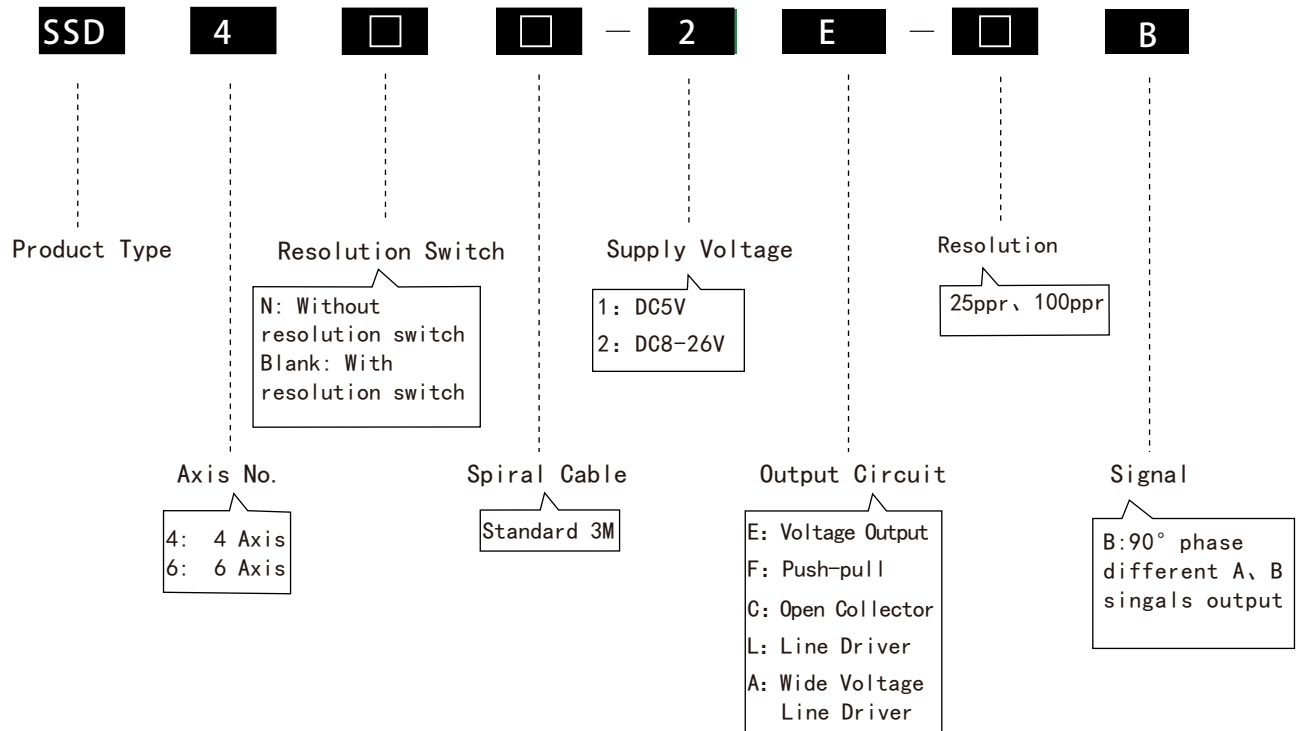


Electrical Connections

17 Pins Cable Wire, 4 Axis

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

Order Information



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