




LEC-51.2B-S156A Sumtak Rotary Encoder Datasheet

Model: LEC-512B-S156A Incremental OPTCODER

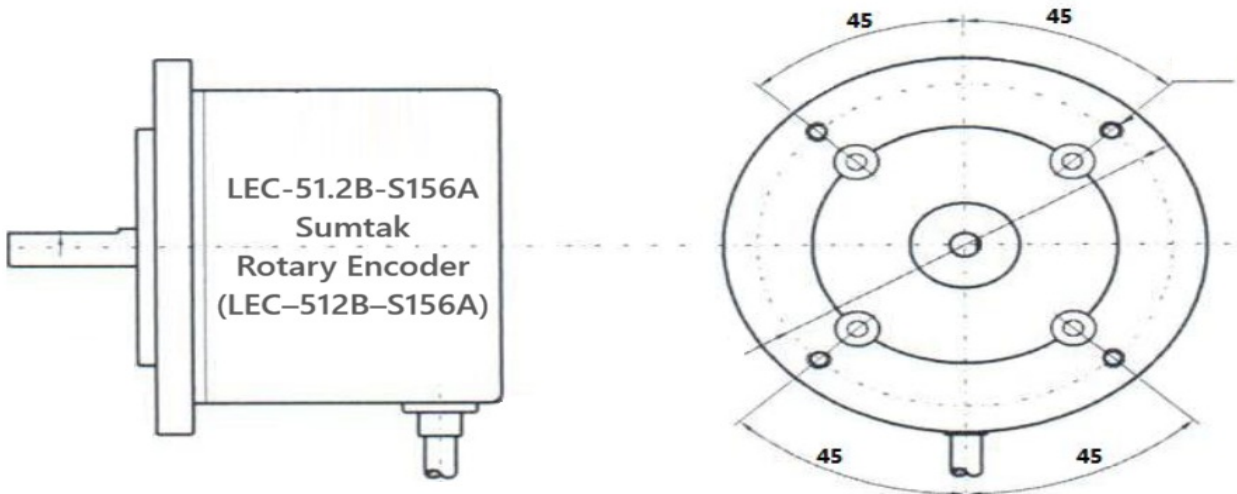
The LEC-51.2B-S156A Sumtak rotary encoder is a precision incremental encoder designed for CNC machines, servo motors, and industrial automation systems. The encoder generates electrical pulse signals that allow controllers to detect shaft position and rotational speed with high accuracy. This encoder belongs to the Sumtak LEC-51 OPTCODER series and provides 512 pulses per revolution (PPR), making it suitable for high precision motion feedback applications in manufacturing equipment and industrial machinery.

Technical Specifications

Specification	Details
Manufacturer	Sumtak
Model	LEC-51.2B-S156A
Alternative Model	LEC-512B-S156A
Encoder Type	Incremental Optical Encoder
Resolution	512 Pulses Per Revolution (PPR)
Supply Voltage	DC 15V
Current Consumption	100 mA
Output Signals	A, B, Z Phase
Shaft Type	Solid Shaft
Application	CNC Machines, Servo Motors, Industrial Automation
Country of Origin	Japan

OPTCODER				
TYPE	LEC-51.2B-S156A	RED	15V	SHIELD Body
SOURCE	DC15V 100mA	BLK	0V	
NO	01 168 322 512P/R	GRN	A	
		WHT	B	
		YLW	Z	
		MADE IN JAPAN		

Mechanical Drawing



Wiring Diagram

Signal	Color
DC15V	Red
0V	Black



Signal	Wire Color
DC15V Power	Red
0V Ground	Black
Shield	Encoder Body