

ST-EN-DR-1XP



ST-EN-DR-1XP SPECIFICATIONS

Electrical

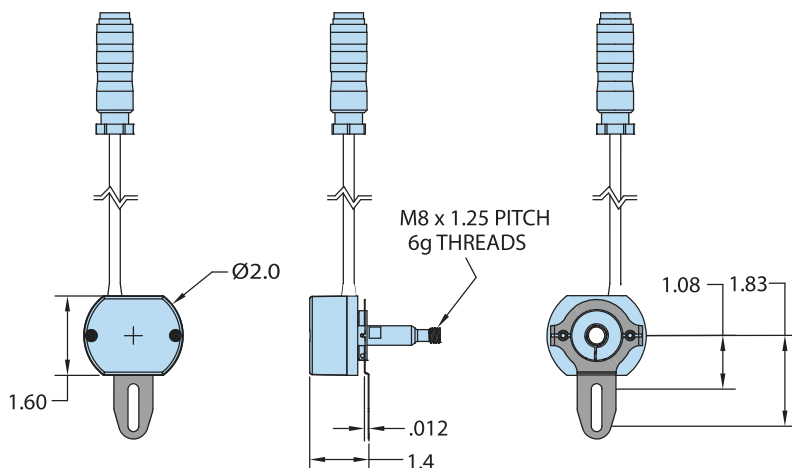
Input Voltage 5 or 10-30 VDC
 Input Current 100 mA max
 Output Format TTL
 Output Types Line Driver

Mechanical

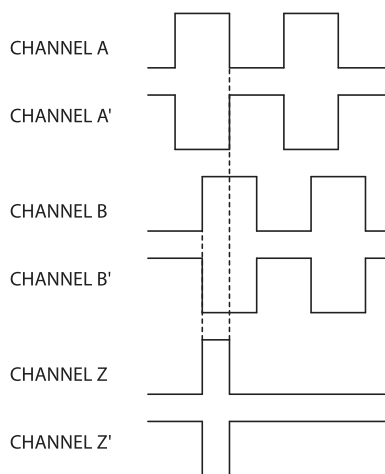
Max Shaft Speed 7000 RPM
 Electrical Conn 18" cable with 12 pin connector
 Housing Polished Aluminum
 Mounting Flex Arm Mount standard

Designed as a drop in replacement for the Siemens 1XP8001 encoder, the ST-EN-DR-1XP is ready for delivery. The unique threaded shaft made this encoder hard to find but not for Servotech. Configurations can be ordered with either 1024 or 2048 CPR, with a 12 pin connector at the end of 18" of cable.

ST-EN-DR-1XP Dimensions



ST-EN-DR-1XP Waveform Diagram



CLOCKWISE ROTATION

NOTE: ALL DEGREE REFERENCES ARE ELECTRICAL DEGREES

ST-EN-DR-1XP Wiring Table

PIN	FUNCTION
A	CHANNEL B'
B	+VDC
C	CHANNEL Z
D	CHANNEL Z'
E	CHANNEL A
F	CHANNEL A'
G	+VDC
H	CHANNEL B
J	N/C
K	COMMON
L	COMMON
M	+VDC

ST-EN-DR-1XP-[*]-[****]

5V
10V-30V

1024
2048

Input Voltage: 5V or 10V-30V

CPR: 1024 or 2048

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