STP-MTRA-ENC7 Cut Sheet

SureStep incremental (quadrature) rotary modular kit encoder, 5 VDC, radial exit, line driver (differential) output, 400 ppr. For use with SureStep stepper motors with 1/4in rear shaft.

For complete product information, please see this item on our store at the following link:

https://www.automationdirect.com/pn/STP-MTRA-ENC7

Technical Specifications

Brand	SureStep
Item	Modular kit encoder
Feedback Type	Incremental (quadrature)
Encoder Type	Rotary
Replacement	No
Duty Rating	Light duty
Voltage Rating	5 VDC
Exit Orientation	Radial
Encoder Output Type	Line driver (differential)
Encoder Resolution	400 ppr
Shaft Type	Hollow
Shaft Diameter	1/4in
Frequency Response	300 kHz

Speed Rating	6000rpm
Flange Mount	No
Encoder Body Diameter	31mm
Housing Material	Glass-filled polycarbonate
IP Rating	IP20
Connector Type	10-pin male
For Use With	SureStep stepper motors with 1/4in rear shaft
Kit Includes	(1) encoder base and housing, (1) encoder hub disc assembly, (1) transmissive optical module, (1) centering tool, (1) Allen wrench, (1) spacer tool and (4) screws
Requires	STP-CBL-EAxx cable

Agency Approvals

UL Listed File #	None
UL Recognized File #	None
UL Hazardous File #	None
CE	View CE declarations
CSA File #	None
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document