

STP-MTRA-ENC9 Cut Sheet



SureStep incremental (quadrature) rotary modular encoder, 5 VDC, radial exit, line driver (differential) output, up to 4096 ppr, software configurable. For use with NEMA 14, 17, and 23 SureStep dual shaft motors.

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



<https://www.automationdirect.com/pn/STP-MTRA-ENC9>

Technical Specifications

Brand	SureStep
Item	Modular 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)
Programmable Encoder Resolution	Yes
Encoder Resolution	Up to 4096 ppr
Configuration	Software
Shaft Type	Hollow

Shaft Diameter	2mm, 3mm, 1/8in, 4mm, 3/16in, 5mm, 6mm, 1/4in and 8mm
Frequency Response	Greater than 100 kHz
Speed Rating	2500/4000/8000rpm
Flange Mount	No
Encoder Body Diameter	29mm
Housing Material	Metal
IP Rating	IP20
Connector Type	17-pin male
For Use With	NEMA 14, 17, and 23 SureStep dual shaft motors
Includes	Installation hardware
Requires	STP-CBL-EBxx cable
Additional Information	Shaft mounting adapter sleeve sizes: 2mm, 3mm, 1/8in, 4mm, 3/16in, 5mm, 6mm, 1/4in, and 8mm

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

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/STP-MTRA-ENC9.pdf>
See store item page for other formats.