

# STP-MTRA-ENC1 Cut Sheet



SureStep incremental (quadrature) rotary modular kit encoder, replacement, 5 VDC, radial exit, line driver (differential) output, 1000 ppr. For use with SureStep stepper motors with 5mm rear shaft.

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



<https://www.automationdirect.com/pn/STP-MTRA-ENC1>

## Technical Specifications

<b>Brand</b>	SureStep
<b>Item</b>	Modular kit encoder
<b>Feedback Type</b>	Incremental (quadrature)
<b>Encoder Type</b>	Rotary
<b>Replacement</b>	Yes
<b>Duty Rating</b>	Light duty
<b>Voltage Rating</b>	5 VDC
<b>Exit Orientation</b>	Radial
<b>Encoder Output Type</b>	Line driver (differential)
<b>Encoder Resolution</b>	1000 ppr
<b>Shaft Type</b>	Hollow
<b>Shaft Diameter</b>	5mm
<b>Frequency Response</b>	100 kHz

<b>Speed Rating</b>	6000rpm
<b>Flange Mount</b>	No
<b>Encoder Body Diameter</b>	31mm
<b>Housing Material</b>	Glass-filled polycarbonate
<b>IP Rating</b>	IP20
<b>Connector Type</b>	10-pin male
<b>For Use With</b>	SureStep stepper motors with 5mm rear shaft
<b>Kit Includes</b>	(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
<b>Requires</b>	STP-CBL-EAxx cable

## Agency Approvals

<b>UL Listed File #</b>	None
<b>UL Recognized File #</b>	None
<b>UL Hazardous File #</b>	None
<b>CE</b>	None
<b>CSA File #</b>	None
<b>RoHS Status</b>	No
<b>EU REACH</b>	<a href="#">View EU REACH document</a>