

# STP-MTRA-ENC2 Cut Sheet



SureStep incremental (quadrature) rotary modular kit encoder, 5 VDC, radial exit, push-pull (totem) 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-ENC2>

## 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>	No
<b>Duty Rating</b>	Light duty
<b>Voltage Rating</b>	5 VDC
<b>Exit Orientation</b>	Radial
<b>Encoder Output Type</b>	Push-pull (totem)
<b>Encoder Resolution</b>	1000 ppr
<b>Shaft Type</b>	Hollow
<b>Shaft Diameter</b>	5mm
<b>Frequency Response</b>	300 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>	5-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-EDxx cable

## Agency Approvals

<b>UL Listed File #</b>	None
<b>UL Recognized File #</b>	None
<b>UL Hazardous File #</b>	None
<b>CE</b>	<a href="#">View CE declarations</a>
<b>CSA File #</b>	None
<b>RoHS Status</b>	Yes (See CE Doc)
<b>EU REACH</b>	<a href="#">View EU REACH document</a>