

STP-MTRA-ENC6 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 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-ENC6>

Technical Specifications

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|---------------------|--------------------------|
| 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 | Push-pull (totem) |
| Encoder Resolution | 1000 ppr |
| Shaft Type | Hollow |
| Shaft Diameter | 1/4in |
| Frequency Response | 300 kHz |

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| Speed Rating | 6000rpm |
| Flange Mount | No |
| Encoder Body Diameter | 31mm |
| Housing Material | Glass-filled polycarbonate |
| IP Rating | IP20 |
| Connector Type | 5-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-EDxx cable |

Agency Approvals

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| 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-ENC6.pdf>
See store item page for other formats.