

STP-LE23-1F12ADJ Cut Sheet



SureStep stepper motor linear actuator, external nut, encoder ready, NEMA 23 frame, IP40, single stack, 2.1A, 12in lead screw length, 10.5mm/rev, 10mm lead screw diameter, screw code F, journal and groove end machining.

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



<https://www.automationdirect.com/pn/STP-LE23-1F12ADJ>

Technical Specifications

Brand	SureStep	Step Angle	1.8-degree
Item	Stepper motor linear actuator	Steps per Revolution	200
Actuator Type	External nut	Winding Type	Bipolar
Voltage Type	DC	Screw Code	F
Motor Type	Brushless	Driver Type	Lead screw
Number of Input Phases	2	Motor Stack Length	Single
Encoder Position	Encoder ready	Pitch	2.1mm
Encoder Resolution	Encoder ready	Screw Lead	10.5mm/rev
Integrated Brake	No	Lead Screw Length	12in
Motor Frame	NEMA 23	Lead Screw Diameter	10mm
IP Rating	IP40	Number of Thread Starts	5
Shaft Type	Dual	Connector Type	6-position male
Amperage Rating	2.1A	End Machining	Journal and groove
Holding Torque Rating	125 oz-in	Includes	(1) lead screw flange nut and (1) 1ft motor 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