

# STP-LE23-1F12ANN Cut Sheet



SureStep stepper motor linear actuator, external nut, NEMA 23 frame, IP40, single stack, 2.1A, 12in lead screw length, 10.5mm/rev, 10mm lead screw diameter, screw code F, no end machining.

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



<https://www.automationdirect.com/pn/STP-LE23-1F12ANN>

## Technical Specifications

<b>Brand</b>	SureStep
<b>Item</b>	Stepper motor linear actuator
<b>Actuator Type</b>	External nut
<b>Voltage Type</b>	DC
<b>Motor Type</b>	Brushless
<b>Number of Input Phases</b>	2
<b>Integrated Brake</b>	No
<b>Motor Frame</b>	NEMA 23
<b>IP Rating</b>	IP40
<b>Shaft Type</b>	Single
<b>Amperage Rating</b>	2.1A
<b>Holding Torque Rating</b>	125 oz-in
<b>Step Angle</b>	1.8-degree

<b>Steps per Revolution</b>	200
<b>Winding Type</b>	Bipolar
<b>Screw Code</b>	F
<b>Driver Type</b>	Lead screw
<b>Motor Stack Length</b>	Single
<b>Pitch</b>	2.1mm
<b>Screw Lead</b>	10.5mm/rev
<b>Lead Screw Length</b>	12in
<b>Lead Screw Diameter</b>	10mm
<b>Number of Thread Starts</b>	5
<b>Connector Type</b>	6-position male
<b>End Machining</b>	None
<b>Includes</b>	(1) lead screw flange nut and (1) 1ft motor 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>

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/STP-LE23-1F12ANN.pdf>  
See store item page for other formats.