

# DEFINE-TM-2DLI Cut Sheet



Define Instruments signal conditioner, isolated, Input: 1-channel, current/voltage/RTD/thermocouple/potentiometer, Output: 1-channel, loop powered current, 10.5–36 VDC operating voltage, 35mm DIN rail mount.

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



<https://www.automationdirect.com/pn/DEFINE-TM-2DLI>

## Technical Specifications

<b>Brand</b>	Define Instruments
<b>Item</b>	Signal conditioner
<b>Isolation</b>	Isolated
<b>Field Configurable</b>	Yes
<b>Number Of Input Channels</b>	1
<b>Input</b>	Current/voltage/RTD/thermocouple/potentiometer
<b>Input Current Signal Range</b>	1 $\mu$ A-24 mA
<b>Input Potentiometer Signal Range</b>	0–2k ohm and 0–1M ohm
<b>Input RTD Signal Types</b>	Pt100 and Pt1000
<b>Input Thermocouple Signal Type</b>	J, K, N, T, E, R, S, B

<b>Input Voltage Signal Range</b>	$\pm$ 10 VDC and 0–100 mVDC
<b>Programmable Temperature Range</b>	Deg F or $^{\circ}$ C
<b>Number Of Output Channels</b>	1
<b>Output</b>	Loop powered current
<b>Output Current Signal Range</b>	4–20 mA and 20–4 mA
<b>Operating Voltage</b>	10.5–36 VDC
<b>Housing Material</b>	Plastic
<b>Mounting</b>	35mm DIN rail
<b>Electrical Connection</b>	Screw terminals
<b>Requires</b>	DEFINE-BRIDGE-KEY fob USB adapter and DEFINE-TOOLBOX-SW configuration software

## 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>	Meets RoHS Chemical Restrictions - No CE (See RoHS Statement Below)
<b>EU REACH</b>	<a href="#">View EU REACH document</a>
<b>Other</b>	<a href="#">RoHS Statement</a>

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/2d/DEFINE-TM-2DLI.pdf>  
See store item page for other formats.