

DEFINE-TM-4DPI Cut Sheet



Define Instruments signal conditioner, isolated, Input: 1-channel, current/voltage/RTD/thermocouple/potentiometer, Output: 1-channel, current/voltage, 22–300 VDC / 85–265 VAC 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-4DPI>

Technical Specifications

Brand	Define Instruments
Item	Signal conditioner
Isolation	Isolated
Field Configurable	Yes
Number Of Input Channels	1
Input	Current/voltage/RTD/ thermocouple/potentiometer
Input Current Signal Range	1 μ A-24 mA
Input RTD Signal Types	Pt100 and Pt1000
Input Thermocouple Signal Type	J, K, N, T, E, R, S, B
Input Voltage Signal Range	\pm 10 VDC and 0–100 mVDC

Programmable Temperature Range	Deg F or $^{\circ}$ C
Number Of Output Channels	1
Output	Current/voltage
Output Current Signal Range	0–20 mA, 4–20 mA, 20–4 mA and 20–0 mA
Output Voltage Signal Range	\pm 10 VDC and 0–10 VDC
Operating Voltage	22–300 VDC / 85–265 VAC
Housing Material	Plastic
Mounting	35mm DIN rail
Electrical Connection	Screw terminals
Requires	DEFINE-BRIDGE-KEY fob USB adapter and DEFINE-TOOLBOX-SW configuration software

Agency Approvals

UL Listed File #	None
UL Recognized File #	None
UL Hazardous File #	None
CE	View CE declarations
CSA File #	None
RoHS Status	Meets RoHS Chemical Restrictions - No CE (See RoHS Statement Below)
EU REACH	View EU REACH document
Other	RoHS Statement

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/2d/DEFINE-TM-4DPI.pdf>
See store item page for other formats.