

MDIN 10

- RTD, T/C, mA & VOLTAGE INPUTS MODECO
- UP TO 4 ALARM OUTPUTS
- CURRENT RE-TRANSMISSION (option)
- 4-DIGIT, BRIGHT LED INDICATOR
- FULLY PROGRAMMABLE PARAMETERS



INTRODUCTION

Madedco Input Indicator / Controller Is a High Quality and Stable Device With High Accuracy Which Can Accept Most Common RTDs, Thermocouples, Current and Voltage Inputs. MPIN 10's Has Easy Installation Of Up To Four Programmable Relays, an Optional Current re-transmission and RS485 Communication Interface.

Value of the Input to MDIN 10 IS Indicated on a 4-Digit Bright Display and the Status of Alarm Outputs

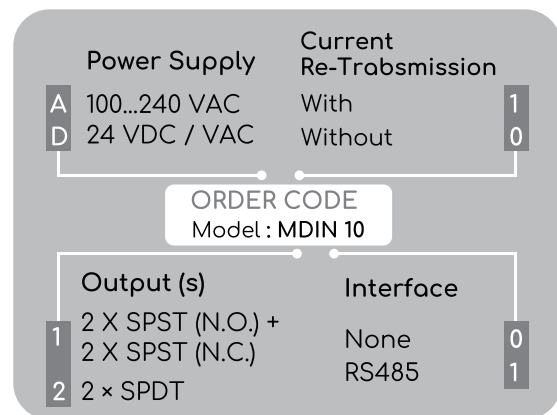
Configuration of MDIN 10 Can be Performed via its Front Panel Keys. The Input Type, Range Offset Value and Alarm Parameters are Programmed by the User.

PROCESS INPUTS

Sensor	Range
T/C "K" & "N"	0 to 1300°C
T/C "S" & "R"	0 to 1700°C
T/C "E"	0 to 1000°C
T/C "J"	0 to 1200°C
RTD (Pt100)	-200 to 800°C
RTD (Cu50)	-50 to 150°C
LINEAR INPUT	-1999 to 9999°C

SPECIFICATIONS

Accuracy	Better than 0.3% of Span
Temperature Drift	<0.015% of the Span per 1°C
Cold Junction Comp	Automatic
Display	4-Digit, 20mm, 7 Segments
Display Range	-1999 to +9999
Decimal Point Place	Programmable
Power Supply	100...240 VAC 24 VDC/VAC
Power Consumption	5 VA maximum
Current Re-Trans.	0 - 20 / 4 - 20 mA
Aux. Power Supply	24 VDC nominal @ 50 mA
Alarm Outputs	Up to 2 SPST (N.O.+N.C.) or 4SPST (N.O./n.c.) 2A @ 250 VAC
Isolation	Input / Output / Supply 2300 V
EMC	IEC61000-4-4 IEC61000-4-5
Operating Condition	-10...+60°C; 0 to 90% RH
Case Material	Nylon - Black





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