

RS485 Data Logger



UDL200

Device Features

Thermocouple, mA, mV, Volt Input Options
 5 Item Isolated Analog Input Channel
 400 V Isolation Between Channels
 750mS Sampling Period
 High Resolution and Accuracy
 Internal Cold End Compensation
 Computer Connection via RS485
 MODBUS RTU Communication Protocol
 Input/Line between 3 KV Isolation
 Handy and Portable Design
 18-32V or 100-240Vac/dc Universal Supply

With Free DALI485 Monitoring and Recording Program
 Automatic Device Recognition
 Support for up to 255 Devices
 Unlimited Recording Capacity
 Excel, Access, Text, HTML and PDF reporting format
 Optional Graphical Identification and Creation
 Easy to install and Use

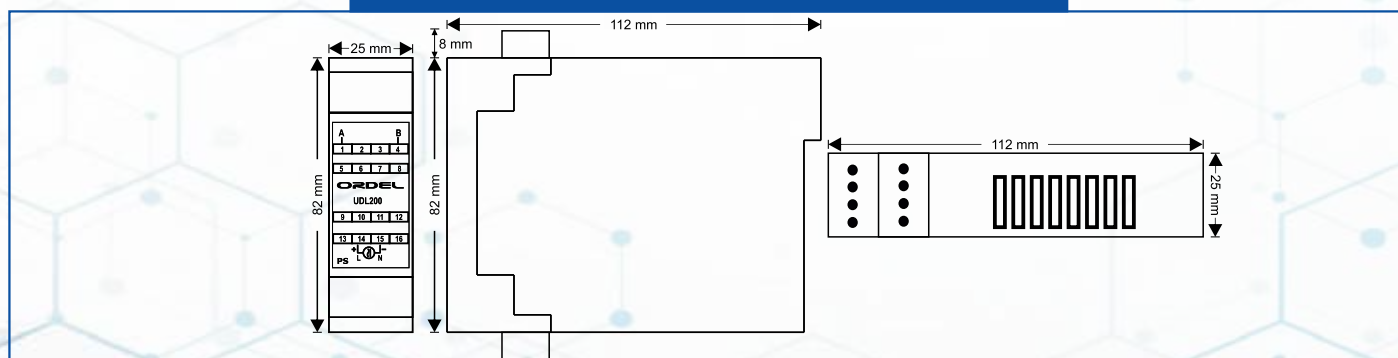
UDL200 devices are devices that convert various analog signals used in industrial environments to digital values and transfer them to computers or other systems with the RS485 module. These devices are configured and used on the computer.

The Dali485 software, which enables the configuration and recording of the values taken from the device on the computer, is provided with the device free of charge. All inputs are isolated from USB line, supply and each other.

Input Types

Sensor Type	Standard	Min.	Max.
Type-T (Cu-Const)	IEC60584	-200 °C	300 °C
Type-U (Cu-Const)	IEC60584	-200 °C	600 °C
Type-J (Fe-Const)	IEC60584	-200 °C	800 °C
Type-L (Fe-Const)	IEC60584	-200 °C	900 °C
Type-K (NiCr-Ni)	IEC60584	-200 °C	1200 °C
Type-E (Cr-Const)	IEC60584	-200 °C	1200 °C
Type-N (Nicrosil-Nisil)	IEC60584	0 °C	1200 °C
Type-S (Pt%10Rh-Pt)	IEC60584	0 °C	1500 °C
Type-R (Pt%13Rh-Pt)	IEC60584	0 °C	1600 °C
Type-B (Pt%18Rh-Pt)	IEC60584	0 °C	1800 °C
0 / 4-20 mA		0 mA	20 mA
0 / 2-10 VDC		0 VDC	10 VDC

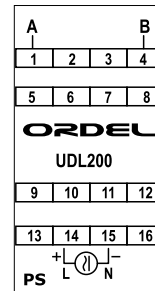
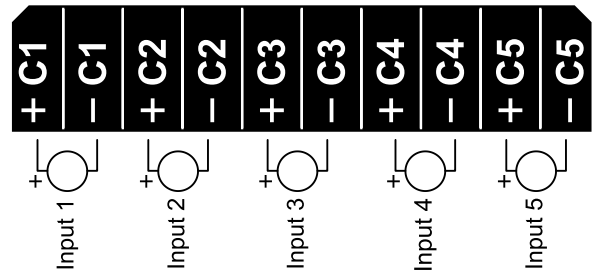
Device Dimensions



Technical Specifications

Power Supply (PS)	100-240 Vac/dc +10%-15% 24 Vac/dc +10%-20%
Power Consumption	2W, 3VA
Sensor Inputs	Thermocouple = B, E, J, K, L, N, R, S, T, U Current = 0/4-20 mA Voltage = 0/2-10 V Voltage = 0-50 mV
Analog Input Impedance	Thermocouple, mV = 10MΩ Current = 10Ω Voltage = 2MΩ
Memory	100 Years, 100.000 Renewals
Accuracy	+/- 0,2%
Sampling Time	750 ms
Environment Temperature	Working = -10...+55°C Storage = -20...+65°C
Dimensions	Width = 25 mm Height = 82 mm Depth = 112 mm
Weight	134 gr

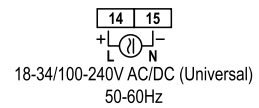
Modular Structure and Connection Diagram



RS485 Communication



Supply



Product Code

UDL200 -

Power Supply :

0 = 100-240V AC/DC
1 = 24Vac/dc

Input Types :

2 = -75...+75 mV
3 = -15...+15 V
4 = -30...+30 mA
5 = Thermocouple (B,E,J,K,L,N,R,S,T,U)