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# DLTR

## Analog to Digital Converter for Load cell



**Load cell converter to communicate with  
PLC or other MODBUS RTU MASTERS**

### **FEATURES**

- Wide supply voltage: 12V to 36V DC
- Slew-rate limited, 1/8 - unit load port allowing up-to 256 devices on single bus
- Standard MODBUS RTU protocol
- 10 point calibration either with known weights or look-up table method
- Flexible baud rates provision (4800, 9600, 19200, 38400, 57600 & 115200)

# DLTR

## Din Rail Mounted- Analog to Digital Converter for Load Cell



**DLT Toolbox** is a Windows application that enables easy configuration, calibration and testing of DLTR device

## Technical Specifications

Parameter	Min	Typ.	Max	Unit
<b>Electrical</b>				
Supply Voltage	12	24	36	V dc
Supply Current				mA
<b>Environmental</b>				
Operating Temperature	-20	-	+85	°C
Storage Temperature	-20	-	+85	°C
<b>RS485</b>				
Bus type		Half duplex		
Number of transceivers	-	-	254	
Baud rate	4800	-	115200	
Cable length			1000	meters
Protocol		MODBUS RTU		
<b>Loadcell</b>				
Excitation Voltage	4.8	5	5.2	Vdc
Excitation Current	-	-	150.0	mA
Input Range	-19.0	-	+19.0	mV
Input impedance				MΩ
Input Sensitivity				
Linearity				
Gain Temperature Stability				ppm/°C
Offset Temperature Stability				ppm/°C
Conversion Rate		80 SPS		
Display Accuracy		1 in 60000		
<b>Dimension</b>	126mm x 44mm x 33.5 mm			

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