

# TLB4 Cut Sheet



Laumas discrete/analog load cell transmitter, (4) load cell input(s), +/- 39 mV, analog and relay output, Modbus RTU, 12-24 VDC operating voltage. For use with 4- or 6-wire load cells. Up to (16) load cells can be connected.

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



<https://www.automationdirect.com/pn/TLB4>

## Technical Specifications

Brand	Laumas
Item	Load cell transmitter
I/O Module Type	Discrete/analog
Number of Load Cell Inputs	4
Input Load Cell Signal Range	+/- 39 mV
Input Resolution	24-bit
Input Excitation Voltage	5 VDC
Number of Discrete Input Points	2
Nominal Input Voltage	5-24 VDC
Discrete Input Type	PNP
Number of Non-Isolated Discrete Input Commons	1
Number of Points per Discrete Input Common	2
Number of Discrete Output Points	3
Nominal Output Voltage	115 VAC
Discrete Output Type	Relay
Relay Configuration	(3) Form A (SPST) relays
Number of Non-Isolated Discrete Output Commons	1

Number of Points per Discrete Output Common	3
Load Current	150 mA/point
Number of Analog Output Channels	1
Analog Output Signal Type	Current/voltage
Number of Non-Isolated Analog Output Commons	1
Output Resolution	16-bit
Output Current Signal Range	0-20 mA and 4-20 mA
Output Voltage Signal Range	0-5 VDC, 0-10 VDC, +/- 5 VDC and +/- 10 VDC
Communication Port and Connection Type(s)	(1) RS-485 (2-pin terminal)
Port Protocol(s)	Modbus RTU Slave
Port Speed(s)	up to 115.2k baud
Mounting	35mm DIN rail or panel
Operating Voltage	12-24 VDC
Display Type	8mm 6-digit red LED
For Use With	4- or 6-wire load cells
Includes	Removable terminal blocks
Additional Information	Up to (16) load cells can be connected

## Agency Approvals

UL Listed File #	None
UL Recognized File #	E365453
UL Hazardous File #	None
CE	<a href="#">View CE declarations</a>
CSA File #	None
RoHS Status	Yes (See CE Doc)
EU REACH	<a href="#">View EU REACH document</a>

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/2d/TLB4.pdf>  
See store item page for other formats.