

LT10 Series

Compact, lightweight and easy-to-mount display

- Compact size: DIN standard (72 mm x 72 mm / 2.83" x 2.83" W x H)
- Resolution: 5, 10 μm Selectable
- Suitable for panel mounting
- Direct interfacing from display unit to PLC or computer
- Current values, maximum, minimum, peak-to-peak values and GO/NO GO evaluation included as standard functions.
- ADD/SUB function (2-channel model)
- Full lineup for various applications



Specifications

Model	LT10-105	LT10-105B	LT10-105C	LT10-205	LT10-205B	LT10-205C	
Display	5 digits backlit LCD display, mode indication						
Display resolution	5 or 10 μm selectable						
Max. response acceleration	2400 m/s ²			1500 m/s ²			
Max. response speed	60 m/min						
ADD/SUB function	—			A + B, A - B or B - A selection by direction setting			
Direction	Selectable						
I/O	Measuring input units	1 channel			2 channels		
	Terminals				•		
	DC IN jack				•		
	BCD	—			•		
	RS-232C	—			•		
	Ext.IN	—			•		
Reset function	Reset key operation or external input (from terminals)						
	—	BCD input	RS-232C command	—	BCD input	RS-232C command	
Preset function	Preset key and recall with reset key						
	—	Recall via BCD reset	Setting and recall via RS-232C	—	Recall via BCD reset	Setting and recall via RS-232C	
Comparator function	3-range comparator, comparator value setting by key switch GO/NO GO evaluation: LED display and terminals output (open collector)						
	—	4 comparator value setting possible. Selected via BCD	Setting via RS-232C	—	4 comparator value setting possible. Selected via BCD	Setting via RS-232C	
Peak hold function	Max. /min./peak-to-peak values; sampling commended by start input from terminals; either these values or current values are selected						
	—	Start also possible using BCD	Setting and start via RS-232C	—	Start also possible using BCD	Setting and start via RS-232C	
Alarm	Response speed exceeded or measuring unit disconnected (Display on LCD and comparator output for the terminals are all "H")						
	—	BCD alarm (output= "H")	RS-232C (output character "E")	—	BCD alarm (output= "H")	RS-232C (output character "E")	
Data storage	Resolutions, directions, comparator values, preset values, modes						
	—	BCD polarity	Data communications parameters	—	BCD polarity	Data communications parameters	
Operating temperature	0 °C to 40 °C / 32 °F to 104 °F						
Storage temperature	-10 °C to 50 °C / 14 °F to 122 °F						
Power supply	Terminals: 12 VDC -10% to 24 VDC + 10% DC IN jack: AC power adapter (9 V DC)						
Power consumption	1.8 W	2.9 W	2.0 W	2.9 W	5.2 W	3.1 W	
Compatible measuring units	DT12N/ P						
Dimensions	72 (W) x 72 (H) x 79.5 (D) mm/ 2.83" x 2.83" x 3.13"						
Mass	185 g/ 6.52 oz	215 g/ 7.58 oz	205 g/ 7.23 oz	190 g/ 6.7 oz	250 g/ 8.82 oz	210 g/ 7.41 oz	

Dimensions

