LT10

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 µm
- 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 backlighted LCD display, mode indication					
Display resolution		5 or 10 µm selectable					
Max. response acceleration		2400 m/ s²			1500 m/ s²		
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/ 6.5 oz	215 g/ 7.6 oz	205 g/ 7.2 oz	190 g/ 6.7 oz	250 g/ 8.8 oz	210 g/ 7.4 oz

Dimensions

Unit : mm/inch