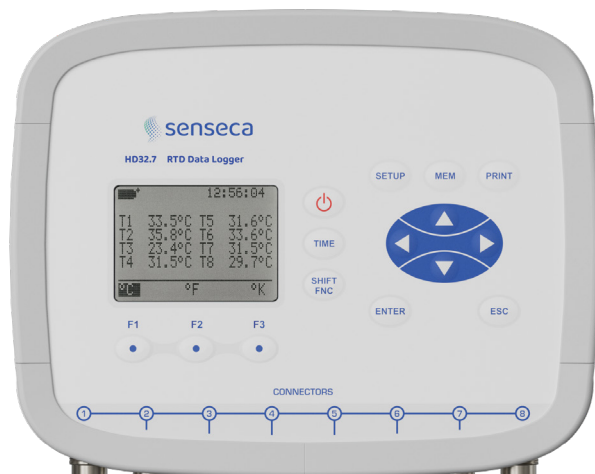


HD32.7



HD32.7 - 8 INPUTS DATA LOGGER FOR PT100 PT1000 SENSOR PROBES

The HD32.7 is a data logger that can capture, log and then send to a PC or serial printer the data coming from 8 temperature probes connected to the inputs. All 8 inputs are simultaneously displayed. The probes can be Pt100 with SICRAM module, direct 4-wire Pt100 or direct 2-wire Pt1000. All the connected probes must be of the same type.

The captured data can be displayed and processed on the PC using the DeltaLog9 software. The instrument has a total capacity of 96.000 acquisitions for each one of the 8 inputs. Storage can be managed in two ways: when the available memory is full, data are overwritten by starting from the oldest ones (circular memory), otherwise storage stops when the available memory is full. Maximum, minimum or average of the stored values are calculated.



⊙ 12 Vdc 1A USB 1.1 - 2.0 RS232C

Technical specifications	
Measuring Range	-200°C...+650°C
Resolution	0.01°C (in the range ±199.99°C) 0.1°C in the remaining range
Internal clock accuracy	1min/month max drift
Unit of measurement	°C - °F - K configurable
Memory capacity	96,000 storages for each one of the inputs, max 64 logging session
Data Logging	instantaneous or delayed, with the possibility of selecting the storage start and end time
Storage interval can be selected among	2,5,10,15,30 s; 1,2,5,10,15,20,30 min.; 1 hour
Data download	RS232C from 1,200 to 38,400 baud, galvanically isolated. Sub D 9-pole male connector. USB 1.1 - 2.0 galvanically isolated.
Security of stored data	unlimited
Instrument accuracy when storing	±0.01°C ±1 digit (in the range ±199.99°C) ±0.1°C ±1 digit in the remaining range
Power Supply	4 per 1.5V alkaline batteries type C-BABY External 12Vdc-1A power supply. Connector, external Ø 5.5 mm, internal Ø 2.1 mm
Current consumption @6Vdc	<60µA when the instrumen is off <60µA in sleep mode with 8 probes connected <40mA during data logging with 8 probes connected
Autonomy	200 hours with 7800mAh alkaline batteries and 8 probes connected
Operating conditions	
Operating Temperature	-5...50°C
Storage temperature	-25 ... 65°C
Working RH	0 ... 90%RH, no condensation
Protection degree	IP64
General Characteristics	
Dimensions (L x W x H)	220 x 180 x 50 mm
Weight	1100 g (complete with batteries)
Materials	ABS, polycarbonate and aluminium
Display	Backlit graphic LCD 128x64 pixel
Keyboard	15 keys configurable also without PC. Security password for keyboard locking

ORDERING CODES

HD32.7: Data logger with 8 inputs for temperature Pt100 sensor probes equipped with SICRAM module, 4 wires Pt100 and 2 wires Pt1000 probes. Supplied with 4 per 1.5Vdc alkaline C-Baby type batteries, instruction manual, software Deltalog9 downloadable from website and support/transport strap.

9CPRS232: Sub D 9-pole Female/Female RS232 null-modem cable.

CP22: USB 2.0 connection cable connector type A - type B.

BAG32.2: Carrying case for instrument and accessories.

HD32CS: Support and transport strap.

SWD10: 100-240Vac/12Vdc-1A stabilized mains power supply.

VTRAP: Floor-standing tripod. Maximum height: 1310 mm.

SP32TC.8: Holder for 8 probes.

All Senseca Pt100 probes equipped with SICRAM module belonging to the series TP47..., TP49..., TP87... 4 wires Pt100 or 2 wires Pt1000 sensor probes can be connected.