



Technical Specification DRULO III

Pressure ranges:	0 – 20bar Other pressure ranges on inquiry
Temperature range:	-15 till +40°C measurement range of temperature sensor -20 till +55°C storage and use
Accuracy:	+/- 0.1% FS
Resolution:	+/- 0.005 % FS, e.g. 1 mbar for the 20bar range
Measurement intervals:	adjustable from 1 seconds up to 24 hours 10 values per second for event control measurement
Real time clock:	accurate quartz measurement indicating the time and the date. Time for beginning data sampling is adjustable
Memory capacity:	1.800.000 values for only pressure data 1.200.000 values for pressure and temperature
Type of memory:	non manipulatable FLASH memory measurement-related data remain saved even in case of battery failure.
Interface:	Bluetooth, Measurement data can be downloaded even during a measurement event. Programming through Tablet or Membrane keys (Display)
Identification:	each logger has an individual serial number
Display:	LCD with graphics capability 102x64 Pixels
Measuring sensor:	long-term, piezo electronic sensor, with integrated temperature sensor, temperature-compensated
Power supply:	Lithium accumulator 3.7 V / 2.6 Ah, chargeable through charging station (single or 6-fold charging station) One charging cycle last for 2.5Mio measurement values
Materials:	aluminium case, parts in contact with medium are made of stainless steel.
Protection class:	IP 68
Connection:	½ inch standard thread DIN-Hydrant claw, glued or removable.
Dimensions:	Housing Ø = 98mm, Height = 100mm (105mm with screws)