

MH 3111, MH 3151 and MH 3156

MH 3111

Digital universal pressure hand-held instrument
For use with automatically recognizable exchangeable sensors MSD

- Pressure types
Overpressure, negative pressure, differential and absolute pressure, air pressure / barometer, vacuum (depending on plugged sensor)
- Inputs
1 x mini-DIN-socket
- Measuring range
-19999...19999 digit
- Accuracy
±0.2 % full scale (hysteresis and linearity)
- Units
mbar, bar, Pa, kPa, MPa, mmHg, PSI, mH₂O
- PC Interface
Data link with serial PC-Interface
DC-isolated and short-circuit proof
- Measuring rate
4 measurements / s

MH 3151

Same as MH 3111
Analogue output
Logger function, alarm and real time clock
Switchable measuring rate

- Outputs
Analogue output 0...1 V
Scalable for easy data readout
- Alarm and time display
Min-max alarm signal via display, interface and buzzer
Real time clock with date and year indication
- Data storage (Log function)
STORE
99 data sets (measured value, min / max value, time, date)
Manual data set reading via keystroke
CYCLE
9999 data sets (measured value or average value, min / max value)
Automatic data set reading in the set interval
Adjustable measurement interval 1 s...60 minute

Types MH 3111, 3151 and 3156



- Measuring rates
SLOW = 4 measurements / s
FAST = 100 measurements / s
PEAK = 1000 measurements / s
- Average calculation
Via integration of measurement values at the adjustable interval

MH3156

Same as MH 3151
Additional measuring input
Expand logger function at CYCLE modus

- Inputs
2 x mini-DIN-socket
- Data storage (Log function)
CYCLE
4000 data sets (measurement1 or average1, min1 value, max1 value) (measurement2 or average2, min2 value, max2 value) (diff M1-M2 or diff AV1-AV2, diff min1-min2, diff max1-max2)
Automatic data set reading in the set interval
Adjustable measurement interval 1 s...60 minutes
- Options
Higher accuracy sensor (available from 350 mbar)
EXI-Version (Ex ib IIC T4 - 03ATEX0136X)