



Pressure sensor

- Pressure sensor for drinking water, waste water and air pressure
- No mobile parts, therefore very maintenance-poor
- For all GERO data logger suitably
- Housing and diaphragm made of stainless steel
- High measuring accuracy up to 0,1 %
- Alternatively for absolute or relative pressure from 16 mbar to 250 bar
- Optionally:
 - Quick connection coupling
 - Exhaust valve
 - Plug and cable length selectable
 - Adapter for fire-hydrants

Technical data:

- Measuring range: 16, 25, 60, 100, 160, 250, 600 mbar (-M0016 ... -M0600)
1.0, 1.6, 2.5, 6.0 bar (-M1.0 ... -M6.0)
10, 16, 25, 60, 100, 160, 250 bar (-M10 ... -M250)
- Linearity error: $\leq 0,50$ % of the measuring range (-T05)
 $\leq 0,25$ % of the measuring range (-T025)
 $\leq 0,10$ % of the measuring range (-T01)
- Response time: < 3 ms
- Load limit: 3x measuring range
- Operating temperature: 0 up to 50 °C
- Output signal: 0 - 50 mV (-SMV)
0 - 5 V (-SV)
4 - 20 mA (-SMA)
- Supply voltage: 10 V stabilized (with 50 mV output, -SMV)
10 - 30 V (with 5 V output, -SV)
10 - 30 V (with 4-20 mA output, -SMA)
- Link: Firmly attached cable (-CF)
Plug, Binder 5-pin (-CB)
Plug, M12 4-pin (-CM12)
- Enclosure: IP 68 (up to 160 m submergence)
(with firmly attached cable)
- Cable: PVC coated PU cable with kevlar strain relief and pressure balance hose Length depending upon customer's request (-Lxxxx in mm)
Application to 250 m without additional strain relief
- Part number: DL200007 + version
(e.g. DL200007 -M16 -T05 -SMV -CB -L1800
16 bar, 0,5%, 0-50 mV output,
Binder plug, cable length 1,8 m)
- Options: Quick connection coupling 90° (-SVK)
Exhaust valve (-EV)
Fittings 1/4", 3/8", 1/2", 3/4" (-ANS)
Adapter for fire-hydrants (-AUH)
230 V main supply for DIN rail assembly (-HMP)