



Water level transducer

- Water level transducer with expansion measuring strip.
- No mobile parts, therefore very low-maintenance.
- Suitable for all GERO data loggers.
- Housing and membran stainless steel.
- Options:
 - High measuring precision $\pm 0,1 \%$ (-T01).
 - Selectable connecting plugs and cable length.
 - Different output signals.
 - Hexagon bolt SW27 and screwing thread.
 - Additional strain relief.

Technical data:

- Measuring range: 0-16, 25, 60, 100, 160, 250, 600 cm (-P0016 ... -P0600)
0-10, 16, 25, 60, 100, 160 m (-P010 ... -P160)
- Total 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)
- Setting time: < 3 ms
- Maximum load: 3 x measuring range
- Operating temperature: 0 bis 50°C
- Output signals: 0 - 50 mV (-SMV)
0 - 5 V (-SV)
4 - 20 mA (-SMA)
- Supply voltage: 10 V stabilized (at 50 mV output signal, -SMV)
10 - 30 V (at 5 V output signal, -SV)
10 - 30 V (at 4-20 mA output signal, -SMA)
- Cable connection: Firmly attached cable (-CF)
Plug, Lumberg, 5-pin (-CL)
Plug, M12, 4-pin (-CM12)
- Safety class: IP 68 (at firmly attached cable up to 160 m submergence.)
- Cable: PVC coated polyurethane cable with Kevlar strain relief
and pressure compensation tube
Length depending on customer wish (-Lxxx in meter)
Useable up to 40 m without an additional strain relief
- Dimensions: Length 120 mm, diameter 21,5 mm (SW27 at -SSK)
- Order number: DL601202 + version
(e.g. DL601202 -P010 -T01 -SMV -CL -L015
10 m, 0,1%, 0-50 mV output signal,
Lumberg plug, Length of cable 15 m)
- Options: Hexagon bolt SW27 and screwing thread (-SSK)