



DS-22, DST-22, DS-16

for water level and -temperature measurements



- pressure sensor incl. temperatur sensor
- low power consumption
- customer friendly installation and handling
- small Ø 16mm version



Pressure sensor DS-22



Pressure sensor DS-16



Pressure and temperature sensor DST-22



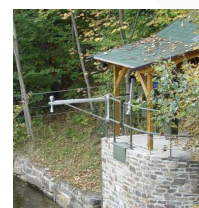
water level measurement



radar sensor



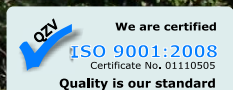
PS-Light-2 station



radar bracket



water level measurement with pressure sensor



Pressure Sensor type DS-22

For water level measurement in groundwater (aquifer), surface water, water tanks or water reservoirs etc.

Technical data

output:	0 to approx. 1V	0/4 to 20 mA	RS485 interface (SHWP protocol)
ranges:	0 to 1.25 m	0 to 1.25 m	0 to 1.25 m
	0 to 2.50 m	0 to 2.50 m	0 to 2.50 m
	0 to 5.00 m	0 to 5.00 m	0 to 5.00 m
	0 to 10 m	0 to 10 m	0 to 10 m
	0 to 20 m	0 to 20 m	0 to 20 m
	other ranges on request	other ranges on request	other ranges on request
accuracy:	± 0.1% (at 25°C)	± 0.1% (at 25°C)	± 0.1% (at 25°C)
operation temperature:	-5°C to +60°C	-5°C to +60°C	-5°C to +60°C
power supply:	7 - 30V DC stabilized	7 - 30V DC stabilized	9 - 16V DC stabilized
material:	stainless steel	stainless steel	stainless steel
dimensions:	Ø 22 mm	Ø 22 mm	Ø 22 mm
	length 182 mm	length 182 mm	length 182 mm
cable:	multicore transmission cable, screened with atmospheric pressure compensation tube		



Pressure / Temperature Sensor type DST-22

Combined **water level** and **temperature** sensor for the acquisition of **both** parameters with only one sensor. Signals are transferred via one single cable only.



Technical data:

output:	2 channels 0-1V, RS485 with SHWP protocol
water level:	see DS-22
temperature	
measuring range:	0°C to 25°C or on request
accuracy:	± 0.1°C (span 0°C to 25°C)



Pressure type DS-16

output:	4-20 mA/ RS485	This pressure sensor is designed for level measurement in narrow downhole applications where highest accuracy is required.
supply (U)	10...30 Vcc	
compensated temp.range:	0 ... 50°C	
Linearity (best straight line)	0,025 %FS	
Resolution:	0,025 %FS	
operation temperature:	-20°C...+80°C	
Protection:	IP 68	



The right is reserved to change or amend the foregoing technical specification without prior notice.



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