



### OTT SE 200 float-operated shaft encoder water level sensor

- **Application**  
Surface water, Groundwater
- **Parameters measured**  
Water level
- **Measurement technology**  
Float-operated Shaft Encoder
- **Product Highlights**  
Continuous water level measurement - for use with external data logger
- **Measurement range**  
 $\pm 30$  m
- **Internal data logger**  
No
- **Interface**  
SDI-12 or 4 ...20 mA

The OTT SE 200 float-operated shaft encoder level sensor provides proven water level measurements in continuous, unattended monitoring in ground and surface water applications. A measured value is being calculated via internal processing and is available via the interfaces SDI-12 and 4 ... 20 mA.

Measurement range	
SDI-12	±30 m
4 ... 20 mA	0 ... 1 m, 0 ... 10 m, 0 ... 30 m
Resolution	
SDI-12	0.01 or 0.001 m - selectable
4 ... 20 mA	0.1 % FS
Accuracy	
SDI-12	0.003 % FS ±1 Digit
4 ... 20 mA	0.1 % FS
Units	
m; cm; ft	
Interfaces	
SDI-12 or SDI-12 / 4 ... 20 mA	
Electrical data	
Power supply	9 ... 30 V
Power consumption	
SDI-12 Sleep Mode	<400 µA
SDI-12 Active Mode	<2 mA
Dimensions L x W x H	
82 mm x 82 mm x 34 mm	
Weight	
0.250 kg	
Protection class	
IP54	
Operating Temperature	
-20 ... +70 °C	
Pulley circumference	
200 mm	
Standard float cable	
1 mm Ø, other diameters programmable	
Length connection cable	
10 m, 15 m or 30 m	