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**WATER & ENVIRONMENT –  
PRODUCT OVERVIEW**

**STS**  
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INFORMATION / LEGEND		MINIATURE LEVEL TRANSMITTERS		PASSIVE LEVEL TRANSMITTER
		MTM/N 10	ATM/N19	TM/N
				
Pressure measuring range		10 ... 100 mH2O	1 ... 250 mH2O	1 ... 250 mH2O (0.5 mH2O on request)
Temperature measuring range		-	-	-
Conductivity				
Accuracy	≤ ± 2.0 % FS			
	≤ ± 1.0 % FS			
	≤ ± 0.50 % FS	X	X	X
	≤ ± 0.25 % FS	X	X	X
	≤ ± 0.10 % FS	X	X	
	≤ ± 0.05 % FS			
Compensated temperature range	-5 ... 50°C	X	X	X
	-5 ... 80°C (FEP or PE cable required)		X	X
Media temperature	-5 ... 50°C	X	X	X
	-5 ... 80°C		X	X
Storing temperature		-5 ... 50°C	-5 ... 50°C	-5 ... 80°C
Process connection	Open	X		X
	Closed	X	X	X
Output signal / interface / protocol	mV	X		X
	0 ... 20 mA	X		
	4 ... 20 mA	X	X	
	0 ... 5 VDC	X	X	
	0 ... 10 VDC	X	X	
	SDI 12			
	RS 485 Modbus			
Overvoltage protection				
Pluggable				X
Cable material	PUR	X	X	X
	PEP	X	X	X
	FEP			X
	PVC			
Housing material	Stainless steel (1.4435/316L)	X	X	X
	Titanium (Gr. 2)	X		X
	PVDF			
Accreditation	ATEX			X
	EAC	X	X	X
	IECEX			
	FM / FM-C			
	DNV-GL			
	ACS			
	ABS			

LEVEL TRANSMITTER			CHEMICAL RESISTANT SUBMERSIBLE LEVEL TRANSMITTERS	LEVEL TRANSMITTER WITH CERAMIC MEASURING CELL	LEVEL TRANSMITTER WITH INTEGRATED TEMPERATURE MEASUREMENT	
ATM/N	ATM.ECO/N	ATM.1ST/N	ATM/NC	ATM/K/N	ATM/N/T	ATM.1ST/N/T
						
1 ... 250 mH2O (0.5 mH2O on request)	1 ... 250 mH2O	1 ... 250 mH2O (0.5 mH2O on request)	1 ... 250 mH2O	1 ... 200 mH2O	1 ... 250 mH2O	1 ... 250 mH2O (0.5 mH2O on request)
-	-	-	-	-	-25 ... 85°C	-5 ... 80°C
			X			
			X			
X					X	
X	X	X		X	X	X
X		X			X	X
		X				X
X	X	X	X	X	X	X
X	X	X	X		X	X
X	X	X	X	X	X	X
X	X	X	X	X	X	X
-10 ... 80°C	-40 ... 125°C	-40 ... 125°C	-10 ... 80°C	-10...60°C	-10 ... 80°C	-40 ... 125°C
X	X	X	X		X	X
X	X	X	X		X	X
X			X		X	
X	X	X	X	X	X	X
X	X	X	X		X	
X	X	X	X		X	
X	X	X	X		X	
X	X	X	X		X	
X	X	X	X	X	X	X
X		X			X	X
			X			
X	X	X	X			
X	X	X	X	X	X	X
	X	X				
X	X	X				
X	X	X				
X	X	X				
	X	X				

PROGRAMMABLE SUBMERSIBLE LEVEL TRANSMITTERS			DIGITAL SUBMERSIBLE LEVEL TRANSMITTER WITH MODBUS	LEVEL LOGGER & WATER MANAGEMENT / MULTIPARAMETER LEVEL TRANSMITTER	
PTM/N	PTM/N/SDI-12	PTM/N/RS485	DTM.OCS/N	DL.OCS/N/RS485	WMS
					
1 ... 250 mH2O	5 ... 250 mH2O	1 ... 250 mH2O	1 ... 250 mH2O	2 ... 250 mH2O	5 ... 250 mH2O
-	-25 ... 85°C	-25 ... 85°C	-5 ... 80°C	-5 ... 80°C	-5 ... 80°C
				0 ... 200mS/cm	
X		X	≤ ± 0.15 %FS	≤ ± 0.15 %FS	X
X	X	X	≤ ± 0.05 %FS	≤ ± 0.05 %FS	X
			≤ ± 0.03 %FS	≤ ± 0.03 %FS	
X	X	X	X	X	X
X	X	X	X	X	X
X	X	X	X	X	X
X	X	X	X	X	X
-10 ... 80°C	-10 ... 80°C	-10 ... 80°C	-40 ... 85°C	-40 ... 85°C	-10 ... 80°C
X	X	X	X	X	X
X	X	X	X	X	X
X		X			
	X				
		X	X	X	
X		X	X	X	
X	X	X	X	X	X
X	X	X	X	X	X
X	X	X	X	X	X
X		X			
X	X	X	X	X	X
X	X	X	X	X	X
X					
X	X	X			
X	X	X			
X					

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Configuration options are limited – Subject to technical changes.

# STS SENSOR TECHNIK SIRNACH – YOUR PARTNER FOR WATER & ENVIRONMENT

STS Sensor Technik Sirnach has been developing and producing solutions since 1987 for customer-specific applications and systems in the field of pressure measurement technology. Because of our close cooperation with customers and suppliers, STS Sensor Technik Sirnach is able to convert customer requirements into high-quality products at short notice.

STS Sensor Technik Sirnach places the highest demands upon the quality, precision, reliability and longevity of its sensors and component parts.

Subsidiaries in Germany, Italy, France, Great Britain and China, as well as our competent sales partners, guarantee the worldwide sales and servicing of the STS product portfolio.

## What STS stands for

- ✓ Individual, customer-specific, manufactured products
- ✓ High quality products with long service life
- ✓ Accuracy and signal stability guaranteed through in-house pressure measurement cell production
- ✓ 10-15 days delivery time for customer-specific products
- ✓ Simple and user-friendly software



## GROUND- AND SURFACE WATER

STS is a long-standing partner of hydrologists. Through this cooperation we have established ourselves as specialists in the monitoring of river, lake and groundwater levels.



## WATER TREATMENT

In the field of water treatment and the monitoring of waste water, STS has since the very beginning been supplying sensors to well-known manufacturers of such systems.



## WATER SUPPLY

Where water supply is concerned, STS mainly supplies products for level and pressure regulation. These are used, among other things, in reservoir management and the monitoring of fresh water distribution.



## DESALINATION

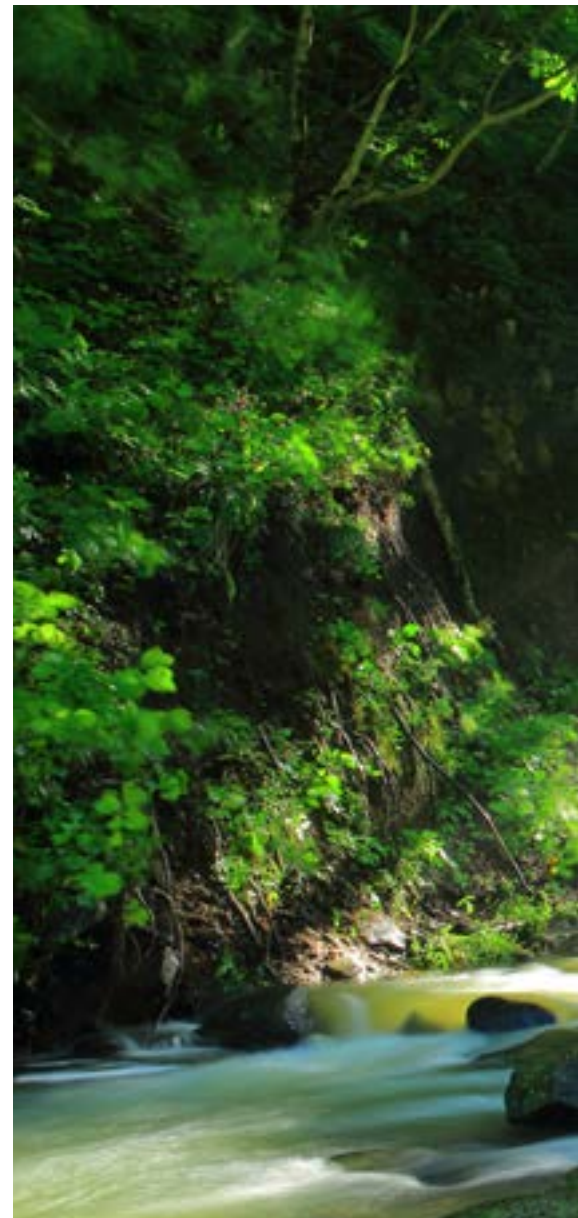
STS has many years of experience in the field of desalination plants. STS products are mainly used here for pressure monitoring in pipe systems and for water level measurements in tanks and basins.



## DECONTAMINATION OF POLLUTED SITES

Reliable monitoring of groundwater levels is essential to the remediation of contaminated sites. STS level probes can be easily optimized for contact with aggressive hazardous substances.





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