



Pressure | Temperature | Level | Force

# Industrial process water



Smart in sensing

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The majority of process water, boiler feed water and rinsing water comes from lakes, rivers and groundwater. Complex water treatment technologies are needed to remove impurities from these fresh water sources.

WIKA measuring components help to capture process parameters reliably in order to ensure effective and safe operation. Of course, WIKA also provides a tailor-made solution for your individual application.

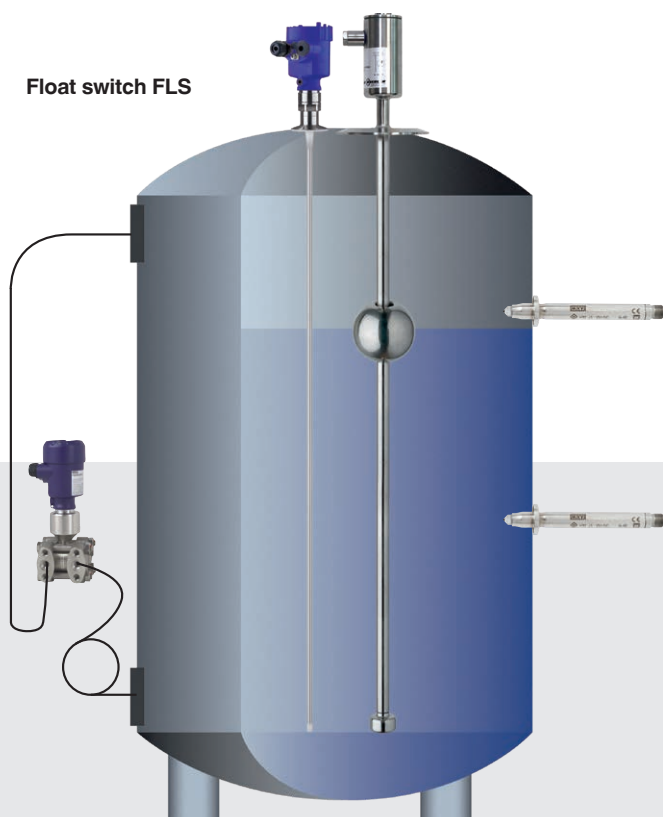
## Level measurement and force measurement

The internal digital signal processing, combined with proven sensors, guarantees high accuracy and the best long-term stability. Filling height, level, concentration of specific substances, density, layer separation or volume are measured with WIKA sensors using a wide range of measuring methods.

Submersible pressure sensors LF-1 and LS-10



Float switch FLS



The measured variable is not always determined directly, often an indirect measurement is advantageous, such as, for example, measuring the level via the static pressure or the weight to provide an efficient and reliable system.

For this, the OLS-F1 level switch, the FLS float switch, the F1211 compression force transducer and the F3831 shear beam can all be used for measurement.

Compression force transducer F1211



Shear beam F3831





## Pressure measurement and temperature measurement

With pressure measurement in abrasive or corrosive media, the measuring instrument can wear very quickly and must then be exchanged in short intervals. Flush diaphragm seal systems with various materials or coatings, such as, for example, wikaramic® from WIKA, extend the service life significantly.



Diaphragm seal with wikaramic® coating



DPT-10 process transmitter with electropolished stainless steel case and mounted 990.27 flange-type diaphragm seals

WIKA has decades of experience in the use of special materials and coatings for wetted parts, such as diaphragms and thermowells.

Thus, all measuring components can be adapted to the processes. This reduces the costs for maintenance and replacement parts and makes your process safer and more efficient.



Bimetal thermometer 55



Large selection of thermowell materials and coatings

# WIKA worldwide

## Europe

### Austria

WIKA Messgerätevertrieb  
Ursula Wiegand GmbH & Co. KG  
Tel. +43 1 8691631  
info@wika.at / www.wika.at

### Benelux

WIKA Benelux  
Tel. +31 475 535500  
info@wika.nl / www.wika.nl

### Bulgaria

WIKA Bulgaria EOOD  
Tel. +359 2 82138-10  
info@wika.bg / www.wika.bg

### Croatia

WIKA Croatia d.o.o.  
Tel. +385 1 6531-034  
info@wika.hr / www.wika.hr

### Denmark

WIKA Danmark A/S  
Tel. +45 4581 9600  
info@wika.as / www.wika.as

### Finland

WIKA Finland Oy  
Tel. +358 9 682492-0  
info@wika.fi / www.wika.fi

### France

WIKA Instruments s.a.r.l.  
Tel. +33 1 71 68 10 00  
info@wika.fr / www.wika.fr

### Germany

WIKA Alexander Wiegand SE & Co. KG  
Tel. +49 9372 132-0  
info@wika.de / www.wika.de

### Ireland

WIKA Instruments Ireland Limited  
Tel. +35 386 1449 360  
info@wika.ie / www.wika.co.uk

### Italy

WIKA Italia S.r.l. & C. S.a.s.  
Tel. +39 02 93861-1  
info@wika.it / www.wika.it

### Poland

WIKA Polska spółka z ograniczoną  
odpowiedzialnością sp. k.  
Tel. +48 54 2301 10-0  
info@wikapolska.pl  
www.wikapolska.pl

### Romania

WIKA Instruments Romania S.R.L.  
Tel. +40 21 4048327  
info@wika.ro / www.wika.ro

### Russia

AO "WIKA MERA"  
Tel. +7 495-648018-0  
info@wika.ru / www.wika.ru

### Serbia

WIKA Merna Tehnika d.o.o.  
Tel. +381 11 2763722  
info@wika.rs / www.wika.rs

### Spain

Instrumentos WIKA S.A.U.  
Tel. +34 933 9386-30  
info@wika.es / www.wika.es

### Switzerland

WIKA Schweiz AG  
Tel. +41 41 91972-72  
info@wika.ch / www.wika.ch

### Türkiye

WIKA Instruments  
Endüstriyel Ölçüm Cihazları Tic. Ltd. Şti.  
Tel. +90 216 41590-66  
info@wika.com.tr  
www.wika.com.tr

### Ukraine

TOV WIKA Prylad  
Tel. +38 044 496 83 80  
info@wika.ua / www.wika.ua

### United Kingdom

WIKA Instruments Ltd  
Tel. +44 1737 644-008  
info@wika.co.uk / www.wika.co.uk

## North America

### Canada

WIKA Instruments Ltd.  
Tel. +1 780 4637035  
info@wika.ca / www.wika.ca

### USA

WIKA Instrument, LP  
Tel. +1 770 5138200  
info@wika.com / www.wika.us

### Gayesco-WIKA USA, LP

Tel. +1 713 4750022  
info@wikhouston.com  
www.wika.us

### Mensor Corporation

Tel. +1 512 3964200  
sales@mensor.com  
www.mensor.com

## Latin America

### Argentina

WIKA Argentina S.A.  
Tel. +54 11 5442 0000  
ventas@wika.com.ar  
www.wika.com.ar

### Brazil

WIKA do Brasil Ind. e Com. Ltda.  
Tel. +55 15 3459-9700  
vendas@wika.com.br  
www.wika.com.br

### Chile

WIKA Chile S.p.A.  
Tel. +56 9 4279 0308  
info@wika.cl / www.wika.cl

### Colombia

Instrumentos WIKA Colombia S.A.S.  
Tel. +57 601 7021347  
info@wika.co / www.wika.co

### Mexico

Instrumentos WIKA Mexico S.A. de C.V.  
Tel. +52 55 50205300  
ventas@wika.com / www.wika.mx

## Asia

### China

WIKA Instrumentation Suzhou Co., Ltd.  
Tel. +86 512 6878 8000  
info@wika.cn / www.wika.com.cn

### India

WIKA Instruments India Pvt. Ltd.  
Tel. +1800-123-101010  
info@wika.co.in / www.wika.co.in

### Japan

WIKA Japan K. K.  
Tel. +81 3 5439-6673  
info@wika.co.jp / www.wika.co.jp

### Kazakhstan

TOO WIKA Kazakhstan  
Tel. +7 727 225 9444  
info@wika.kz / www.wika.kz

### Korea

WIKA Korea Ltd.  
Tel. +82 2 869-0505  
info@wika.co.kr / www.wika.co.kr

### Malaysia

WIKA Instrumentation (M) Sdn. Bhd.  
Tel. +60 3 5590 6666  
info@wika.my / www.wika.my

### Philippines

WIKA Instruments Philippines Inc.  
Tel. +63 2 234-1270  
info@wika.ph / www.wika.ph

### Singapore

WIKA Instrumentation Pte. Ltd.  
Tel. +65 6844 5506  
info@wika.sg / www.wika.sg

### Taiwan

WIKA Instrumentation Taiwan Ltd.  
Tel. +886 3 420 6052  
info@wika.tw / www.wika.tw

### Thailand

WIKA Instrumentation Corporation  
(Thailand) Co., Ltd.  
Tel. +66 2 326 6876  
info@wika.co.th / www.wika.co.th

### Uzbekistan

WIKA Instrumentation FE LLC  
Tel. +998 71 205 84 30  
info@wika.uz / www.wika.uz

## Africa/Middle East

### Botswana

WIKA Instruments Botswana (Pty.) Ltd.  
Tel. +267 3110013  
info@wika.co.bw / wika.co.bw

### Egypt

WIKA Near East Ltd.  
Tel. +20 2 240 13130  
info@wika.com.eg / www.wika.com.eg

### Namibia

WIKA Instruments Namibia Pty Ltd.  
Tel. +26 4 61238811  
info@wika.com.na / www.wika.com.na

### Nigeria

WIKA WEST AFRICA LIMITED  
Tel. +234 17130019  
info@wika.com.ng / www.wika.ng

### Saudi Arabia

WIKA Saudi Arabia LLC  
Tel. +966 53 555 0874  
info@wika.sa / www.wika.sa

### South Africa

WIKA Instruments Pty. Ltd.  
Tel. +27 11 62100-00  
sales@wika.co.za / www.wika.co.za

### United Arab Emirates

WIKA Middle East FZE  
Tel. +971 4 883-9090  
info@wika.ae / www.wika.ae

## Australia

### Australia

WIKA Australia Pty. Ltd.  
Tel. +61 2 88455222  
sales@wika.com.au / www.wika.com.au

### New Zealand

WIKA Instruments Limited  
Tel. +64 9 8479020  
info@wika.co.nz / www.wika.co.nz

WIKA Alexander Wiegand SE & Co. KG  
Alexander-Wiegand-Straße 30 | 63911 Klingenberg | Germany  
Tel. +49 9372 132-0 | info@wika.de | www.wika.de

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www.wika.com