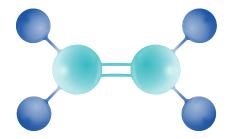
Pressure Temperature Level Flow

# Engineered instrumentation for Ethylene production







## WIKA has the industry expertise

Petrochemical plants place high demands on their measuring instruments. At various points in the process, they can be exposed to aggressive media, high pressures, and extreme temperatures.

From the most difficult applications to the routine, WIKA has the industry expertise and product capability to meet your site's greatest challenges.

# Pressure measurement

For the measurement of coil differential pressures, WIKA offers pressure sensors with flameproof enclosures or intrinsically safe transmitters.

Pressure transmitter with flameproof enclosure



## **Calibration**

The digital pressure gauge can be utilized for on-site calibration, comparison measurements or for data logging.

WIKA offers global calibration capabilities for pressure and temperature in our service hubs.



without the typical straight run piping requirements. These are ideal for custody or inlet feed flow measurements in tight spaces. Our portfolio of primary flow elements also includes orifice plates, orifice assemblies, meter runs and Venturi tubes.







## **Thermowells**

Whether in aggressive or abrasive process media, whether in high- or low-temperature ranges: thermowells that suit each application are available for example versions with Stellite® tip or Stellite® coating.



Both fixed and retractable designs of tubeskin thermocouples are engineered to meet industry demands for repeatability and longevity. Such designs for COT have been specified and preferred by many of the top global ethylene producers. Additionally, WIKA provides solutions for bridgewall temperature and burner flame rods.

## Diaphragm seal replacement service



WIKA offers a replacement service for diaphragm seal systems with process transmitters. In this way, the service life of the process transmitters can be fully utilized and only the diaphragm seal and the assembly parts needs replacement, preventatively or after failure.

## Your advantages:

- New calibration of the system
- Hydrostatic pressure test for differential pressure
- Current material certificate

## Level measurement

Magnetic bypass level indicators allow for clear local indication as well as remote transmission of fluid levels. Each unit is precisely engineered to the fluidic properties of the process media. Typical applications include distillation towers and storage tanks.





## **WIKA** worldwide

WIKA Messgerätevertrieb Ursula Wiegand GmbH & Co. KG info@wika.at www.wika.at

Belarus WIKA Belrus info@wika.bv www.wika.by

### Benelux

WIKA Benelux Industrial estate De Berk info@wika.nl

Bulgaria WIKA Bulgaria EOOD info@wika.bg www.wika.bg

## Croatia WIKA Croatia d.o.o.

info@wika.hr www.wika.hr

## Denmark

WIKA Denmark A/S info@wika.as www.wika.as

Finland WIKA Finland Oy info@wika.fi www.wika.fi

WIKA Instruments s.a.r.l. Immeuble Le Trident info@wika.fr www.wika.fr

**Germany**WIKA Alexander Wiegand SE & Co. KG info@wika.de

Italy
WIKA Italia S.r.I. & C. S.a.s.

Poland WIKA Polska spółka z ograniczona odpowiedzialnością sp. k info@wikapolska.pl www.wikapolska.pl

Romania WIKA Instruments Romania S.R.L. info@wika.ro www.wika.ro

AO WIKA MERA info@wika.ru www.wika.ru

### Serbia

WIKA Merna Tehnika d.o.o. info@wika.rs www.wika.rs

Instrumentos WIKA S.A.U. info@wika.es www.wika.es

## Switzerland

WIKA Schweiz AG www.wika.ch

Turkey WIKA Instruments Endüstriyel Ölçüm Cihazları Tic. Ltd. Şti. www.wika.com.tr

Ukraine TOV WIKA Prylad info@wika.ua www.wika.ua

United Kingdom WIKA Instruments Ltd info@wika.co.uk www.wika.co.uk

## North America

### Canada

WIKA Instruments Ltd. Head Office info@wika.ca www.wika.ca

USA WIKA Instrument, LP info@wika.com www.wika.com

## Latin America

### Argentina

WIKA Argentina S.A. info@wika.com.ar www.wika.com.ar

WIKA do Brasil Ind. e Com. Ltda. vendas@wika.com.br www.wika.com.br

Chile WIKA Chile S.p.A. info@wika.cl www.wika.cl

## Colombia

Instrumentos WIKA Colombia S.A.S. info@wika.co www.wika.co

Mexico Instrumentos WIKA Mexico S.A. de C.V. ventas@wika.com

WIKA Instrumentation Suzhou Co., Ltd. info@wika.cn www.wika.com.cn

India WIKA Instruments India Pvt. Ltd. www.wika.co.in

Iran WIKA Instrumentation Pars Kish info@wika.ir www.wika.ir

WIKA Japan K. K. info@wika.co.jp www.wika.co.ip

## Kazakhstan TOO WIKA Kazakhstan

info@wika.kz www.wika.kz

## Korea WIKA Korea Ltd.

Malaysia
WIKA Instrumentation (M) Sdn. Bhd. info@wika.my www.wika.mv

Philippines WIKA Instruments Philippines Inc. info@wika.ph

## Singapore

WIKA Instrumentation Pte. Ltd. info@wika.sg www.wika.sq

WIKA Instrumentation Taiwan Ltd. info@wika.tw www.wika.tw

## Thailand

WIKA Instrumentation Corporation (Thailand) Co., Ltd. info@wika.co.th www.wika.co.th

## Africa / Middle East

Egypt WIKA Near East Ltd. info@wika.com.eg www.wika.com.eg

Namibia WIKA Instruments Namibia Pty Ltd. info@wika.com.na www.wika.com.na

South Africa WIKA Instruments Pty. Ltd. sales@wika.co.za www.wika.co.za

### United Arab Emirates WIKA Middle East FZE

info@wika.ae www.wika.ae

## Australia

### Australia

WIKA Australia Pty. Ltd. sales@wika.com.au www.wika.com.au

New Zealand WIKA Instruments Limited info@wika.co.nz www.wika.co.nz

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Alexander-Wiegand-Straße 30 · 63911 Klingenberg · Germany Tel. +49 9372 132-0 · Fax +49 9372 132-406 info@wika.de · www.wika.de

