

Endress+Hauser smart turbidity sensor delivers lab accurate measurement of drinking and process water

Burlington, ON – Even in the clearest water, Endress+Hauser's [Turbimax CUS52D smart turbidity sensor](#) and [CUA252 flow cell](#) provide continuous, unattended monitoring of drinking and process water quality with laboratory accuracy or better. Its smart calibration tools and optional self-cleaning tools make this sensor a safe, convenient and highly reliable component of a water treatment package.

What's more, the [CUS52D](#) optical sensor's quick reaction time allows for greater process control. The sensor is independent of the installation environment and can provide consistent monitoring at all points in water production, ranging from the inlet to the outlet.

Air bubbles and contamination are a common everyday challenge associated with turbidity measurements. The [CUS52D](#)'s special surface minimizes the build-up of biofilms and particulates and its ability to operate at high pressures (up to 10 bar) suppresses air bubble formation. The optional air bubble trap eliminates even the smallest air bubbles. In particularly persistent cases, the externally mounted ultrasonic cleaning system ([CVR52](#)) removes surface contamination without directly contacting the sensor, thus service intervals can be extended.

Endress+Hauser has developed a smart solid-state reference tool ([CUY52](#)) for the [Turbimax CUS52D](#). With the [CUY52](#), the [CUS52D](#) sensor can be verified or calibrated (specially matched with the sensor) without putting employees or the process at risk. Neither employees nor processes will come into contact with harmful liquids like Formazin. These solid-state reference tools are simple to use and ensure the reliability of the turbidity measurement.

About Endress+Hauser

Endress+Hauser is a global leader in measurement instrumentation, services and solutions for industrial process engineering. Our products – sensors, instruments, systems and services for level, flow, pressure and temperature measurement as well as analytics and data acquisition – set standards in quality and technology. The company further supports its customers with automation engineering, logistics and IT services and solutions. Founded in 1953 by Georg H Endress and Ludwig Hauser, the Endress+Hauser Group has been solely owned by the Endress family since 1975. Today, the Group is managed and coordinated by a holding company based in Reinach, Switzerland, employing almost 14,000 personnel across the globe. In 2018, the Group generated net sales of C\$3.6 billion. Endress+Hauser's production centres in 12 countries meet customers' needs and requirements quickly and effectively, while our dedicated sales centres and strong partner network guarantee competent worldwide support.

Contacts:

Jaclyn McCann
Marketing Communications Manager
Endress+Hauser Canada Ltd.
+1 905 681 4386
jaclyn.mccann@endress.com
Website: www.ca.endress.com

Martin Wendland
PR Toolbox Inc.
126 Neville Park Blvd.
Toronto, ON M4E 3P8
+1 416 830 8797
mwendland@pr-toolbox.com