

PRESS RELEASE 17/13

Variable High Performance Ultrasonic Sensors

Turck is presenting a new ultrasonic sensor series with short blind zones, large measuring ranges and a wide range of parameter options

Mülheim, October 28, 2013 – The new RU-U ultrasonic sensor series from Turck enables the user to cover large sensing ranges with fewer sensor variants. The Turck ultrasonic sensors in M18 and M30 housing styles thus effectively reduce the range of variants required for stock-keeping. This is made possible by the particularly short blind zones of the sensors, which offer large sensing ranges at the same time – for example with a 40 cm range the blind zone is only 2.5 cm.

In order to offer the right sensor for every application with only a few sensor variants, Turck has increased the versatility of the individual models: Thus the simple compact version of the RU40 and RU100 modules enables the user to set diffuse mode and opposed mode operation as well as NC and NO switching outputs with a teach adapter. The standard sensor versions also enable the setting of switch windows and two separate switching points, either by a teach adapter or via a teach button directly on the sensor.

The high-end versions can be operated as a switch or as an analog sensor. Different operating modes, temperature compensation or the output function can also be set via IO-Link. If several sensors are installed next to each other, the customer can set the sensor parameters in synchronization or multiplex mode, in order to prevent mutual interference of the sensors.

More information: <http://www.turck.de/en/ru>



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Turck has an extensive portfolio of ultrasonic sensors for a wide range of applications that can be implemented with only a few sensor variants

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