



Press Release

For Immediate Release

TURCK
works

Industrial
Automation



Embedded technology enables largest Factor 1 switching distance on the market

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TURCK's New **uprox[®]3** Series Features Longer Sensing Ranges in More Compact Design

PLYMOUTH, Minn. (May 28, 2015) – TURCK announces the **uprox3** series of sensors, which offers the largest switching distances of all Factor 1 sensors on the market thanks to an electronic platform that uses the latest chip set and manufacturing technologies. These technologies are a world first, enabling the creation of the **uprox3** Factor 1 sensors in compact, 4mm smooth barrel and M5 designs with a 1mm switching distance, even for flush mounting. TURCK has also managed to shrink the previously most compact M8, M12 and M18 designs.

uprox3 sensors are the third generation of TURCK's **uprox** Factor 1 sensors. Although the existing **uprox+** sensors offered large switching distances for all metals, these distances are increased by as much as 50 percent in the new sensors. It previously was unattainable to sense 3mm in the M8 design, 6mm in M12 and 10mm in M18. However, thanks to the consistent development of its **uprox** technology, TURCK has been able to achieve these larger switching distances without any compromises in performance. The **uprox3** sensors still offer outstanding application reliability for demanding sensing tasks, but also allow for the possibility of completely new installations.

Because of their inherent immunity to magnetic fields, the **uprox3** series sensors are suitable for use in many demanding industrial sectors, such as welding for the automotive and metal forming markets. The new **uprox3** series will be available with robust PTFE coated sensors in M8, M12 and M18 designs. TURCK's **weldguard[®]**, which resists high heat and weld slag buildup, will also be available. Like their predecessors, all **uprox3** sensors offer a high EMC stability and flexible mounting including full flush mounting, as well as precise switch points.

About TURCK

TURCK is a pioneer in industrial automation technology, providing customers with a comprehensive line of quality and advanced technology products in a fast, flexible and accurate manner. With more than 3,200 people working in 27 countries, TURCK has built global partnerships with customers based on engineering expertise, flexibility and our willingness to take on engineering challenges that others won't. For more information, visit www.turck.com