

Major Expansion of Ultrasonic Sensors Portfolio

Turck is expanding its RU ultrasonic sensor portfolio with ten new types in M8 and M12 designs

Mülheim, November 7, 2018 – Turck is expanding its RU ultrasonic sensor family with ten miniature ultrasonic sensors in M8 and M12 designs. In line with the RU series, the new M12 sensors are provided with an analog output and also a switching output with a switch range that always adjusts to the set measuring range limits of the analog output. Thanks to their compact IP67 design and narrow sonic cone, both sensor variants are ideal for use in small applications with restricted mounting conditions.

The RU10U-M8 ultrasonic sensors are available in four variants: as a diffuse mode or opposed mode sensors each in PNP or NPN versions. The sensors have a range of 100 mm and a short blind zone of 20 mm.

Turck is offering the RU20U-M12 and RU40U-M12 ultrasonic sensors with a 12 mm diameter in six variants: Four types come with an analog output and two variants with a switching output. The sensors with a switching output also come with integrated IO-Link functionality. The customer has the choice between sensors with a 200 or 400 mm range; in both cases the blind zones are small and are just 20 or 40 mm.

PRESS RELEASE 17/18



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The new M8 and M12 ultrasonic sensors from Turck are provided with particularly short blind zones

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