

FOR IMMEDIATE RELEASE

Ultrasonic Sensors For Switching And Measuring

Longer operating ranges and broader areas of application are only two of the features offered by the Leuze's Leuze HTU 418B and Leuze DMU 418B ultrasonic sensors. Suitable for switching and measuring applications, the devices have an operating range of up to 1 300 mm.

These fully metal-enclosed ultrasonic sensors offer protection to Class IP 67 and are available in either cylindrical M18 or M30 housings. The compact housing allows the sensors to be installed in locations where there are space constraints, and this offers end-users greater flexibility.

Both series were equipped with an improved teach function: two push buttons for defining two independent switching points simplify setup and increase flexibility when using the sensors. Device types with an IO-Link interface ensure the intelligent, simple and user-friendly connection and activation of the sensors.

Temperature compensation prevents measurement errors that could be caused by various environmental conditions. Four operating modes, e.g. for changing from synchronous to multiplex operation, offer high flexibility during use.

The ultrasonic sensors operate using a switching behaviour that is largely independent on the surface of the sound-reflecting materials. They are available with various sound lobes, i.e. with different opening angles. The narrow sound lobes in particular permit the detection of the smallest of objects or the detection through the smallest of apertures at short response times.

Countapulse Controls is the official distributor for Leuze sensors in southern Africa and is able to offer technical support including assistance in selection of the most appropriate sensors for any given application.

ULTRASONIC SENSORS FOR SWITCHING PIC 01 : Longer operating ranges and broader areas of application are only two of the features offered by Leuze's ultrasonic sensors.

ENDS ... SEPTEMBER 2018

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