



Press release

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Area: Position sensors
Subject: O5 – precise and reliable

With the O5 design, ifm now offers a precise laser sensor with excellent performance at a low price.

With the O5 series ifm offers safe and reliable laser technology for installation, handling technology and factory automation. The series covers a powerful through-beam system, a retro-reflective sensor with polarisation filter and a diffuse reflection sensor with background suppression.

With highest precision the photoelectric sensors reliably detect even smallest objects with 1.5 mm diameter. They feature laser class 1 and so provide high security in the application.

The O5 laser sensors are strong partners for the particularly precise detection of small objects or positions.

Due to its low colour dependence the fine, unfocused light beam detects very small objects across a wide operating range without any difficulty.

In addition, these laser sensors are very easy to use.

A visible laser spot facilitates alignment of the sensors (to the object or the reflector).

Moreover, the 'teach' operation saves time and additional costs during set-up. Pressing the buttons twice is enough for the sensor to be ready for operation.

Connection of the O5 sensors is made via a standardised, flexible M12 connector.

In addition, a wide range of accessories guarantees fast and flexible fixing of the sensors.

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