

Press release

wpi 484 / 0513

Area: position sensors

Photoelectric M30 sensor with easy-turn setting and time of flight measurement (PMD)

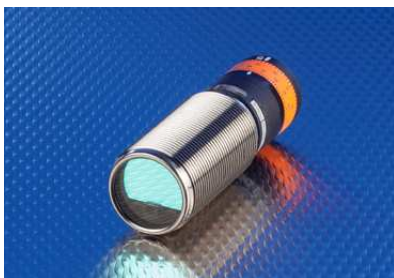
Essen, May 2013 – Reliable background suppression, colour-independent detection and easy switch point setting are the outstanding features of the new photoelectric *PMDLine* sensor *OID* from ifm electronic. It even detects shiny surfaces like stainless steel without any difficulty.

Standard photocell now with time of flight measurement (PMD)

This newly developed sensor with PMD technology (photonic mixer device) combines the advantages of long ranges, reliable background suppression, visible red light and high excess gain in one unit. In the same price range as conventional sensors, the *OID* offers a clever alternative. Another benefit of the ifm sensor is that the switch point can be set with a simple turn of the setting ring (easy turn). A scale shows the distance set. The switch point can thus be set before installation.

Surfaces and installation

Whether shiny, matt, dark or light objects of any colour – the *OID* sensor ensures reliable background suppression. Even with acute angles of incidence of the laser beam, the object is accurately detected. This provides high flexibility of installation. The sensor also features integrated IO-Link, e.g. for reading the current value. This optical expert sets the bar high for conventional sensors.



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High performance, easy-to-use photoelectric sensor *OID*

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