



Press release

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Area: Position sensors

Subject: Versatile and flexible: the new O4 design

The new, easy-to-use O4 sensors are available in a multitude of versions. The O4 photoelectric sensors with ranges of up to 50 m have been specially designed for use in the wood, paper and automotive industries. The all-round talents are also ideally suited for transport and conveying technology as well as steel processing.

The O4 sensors are available as diffuse reflection sensor with background suppression or as through-beam sensor or retro-reflective sensor with polarisation filter.

There is a choice of two versions: in addition to the BasicLine, with fixed setting or setting by means of a potentiometer, the PerformanceLine is also available in the O4 series. It allows quick and easy setting using the teach buttons.

Depending on the version, the switch point can be set using a potentiometer or a teach button.

Even in case of operating temperatures of -20 to 60 °C the photoelectric sensors with the protection ratings IP 65 and IP 67 constantly ensure a reliable function.

The simple and intuitive teach process saves time and money as regards setting of the switch points. Pressing the buttons twice is enough for the sensor to be ready for operation.

The sensor is connected via a standardised, rotatable M12 connector. An optional stainless steel bracket protects the sensor from all kinds of mechanical damage. Furthermore, a wide range of accessories guarantees quick and flexible installation in the system and, so, quick commissioning.

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