Reflex Sensor with Background Suppression

P1KH026

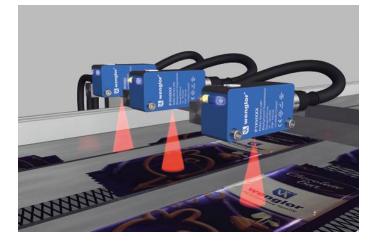
PNG//smart



- Condition monitoring
- IO-Link 1.1
- Low switching distance deviation for black/white
- Reliably detect objects against any background

The reflex sensor with background suppression works with red light according to the angle measurement principle and is suitable for the detection of objects against any background. The sensor always has the same switching distance, regardless of the color, shape and surface of the objects. Minimal height differences can be detected with the sensors and, for example, various parts can be reliably differentiated from each other. The IO-Link interface can be used to configure the reflex sensors (PNP/NPN, NC/NO), as well as for reading out switching statuses.

* See operating instructions for further information



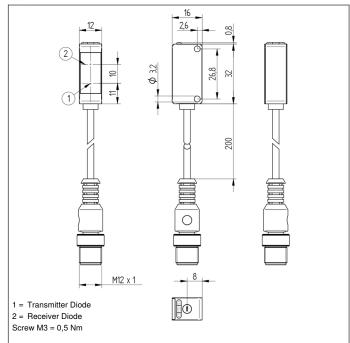
Complementary Products

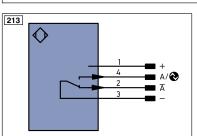
IO-Link Master Software

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Photoelectronic Sensors







Ctrl. Panel 1K3 05 7

05 = Switching Distance Adjuster

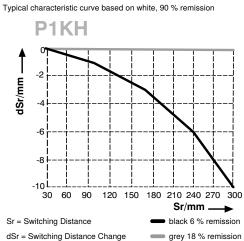
30 = Switching Status/Contamination Warning

68 = Supply Voltage Indicator

Table 1

Detection Range	30 mm	130 mm	300 mm
Light Spot Diameter	8 mm	7 mm	18 mm

Switching Distance Deviation





dSr = Switching Distance Change