ifm electronic

Small and compact photoelectric sensors with high performance.

Photoelectric sensors

www.ifm.com/gb/o6

For hygienic and wet areas

For industrial applications

Optical performance at its best.

Strong:
Diffuse reflection sensor with reliable background suppression.

Reliable:
The automatic sensitivity compensation guarantees reliable operation even in the event of steam, smoke or highly reflective environments.

Precise:
Well-defined light spot for exact object detection, no scattered light.

Constant:
With background suppression the range is independent of the object colour and surface.

Simple:
Potentiometer for switch point setting, rotary switch for light-on / dark-on selection, variants with fixed setting or IO-Link.

Ingress-protected:
WetLine series with particularly robust stainless steel housing and protection rating IP 68 / IP 69K.

Constant range
For the diffuse type systems the range is independent of the degree of reflection and the colour of the object to be detected.

Best performance
The O6 sensor masters the challenge of different surfaces in an application, here wood and paper, without problem.

ECOLAB certified

WetLine
Extensive tests confirm the protection rating IP 68 / IP 69K. Suitability for use in wet areas of the food industry is ECOLAB certified.

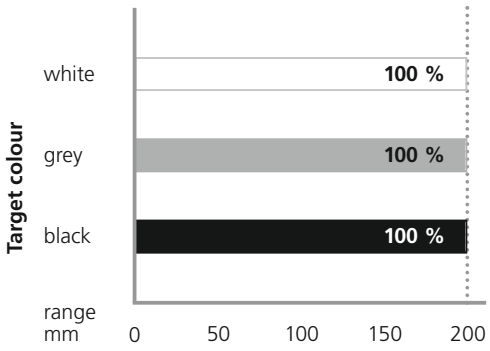
TOP PRODUCT

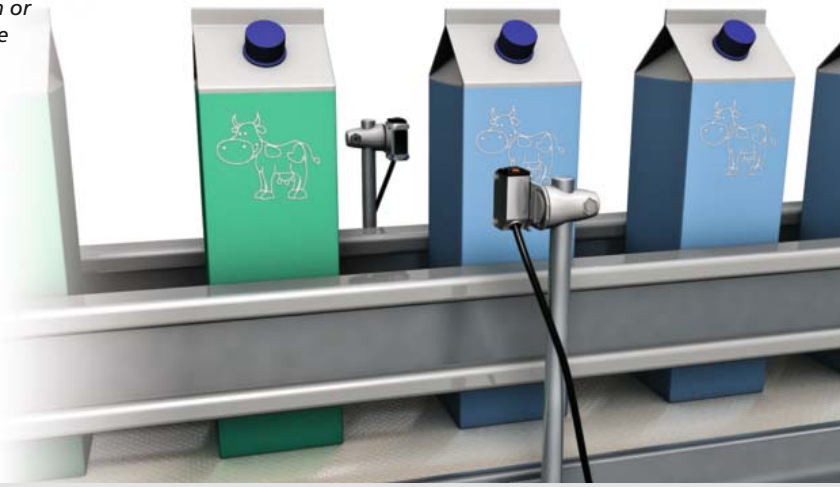
Be inspired by the compact O6!

Many variants

For the O6 series in plastic or stainless steel housing you can choose many variants: diffuse reflection type (energetic or with background suppression), through-beam or retro-reflective system; with M8 connector, M12 pigtail or PUR connection cable. Moreover, the O6 WetLine sensors are also available in variants with IO-Link. Via this interface the user can set, for example, range, sensitivity, light-on / dark-on, switching delay or deactivation of the operating elements.

IO-Link





Exact switch point

The O6 diffuse reflection sensor with background suppression differentiates even very small differences in height.

Intuitively set

The switch point is simply set with the potentiometer. Using the rotary switch the user can select light-on or dark-on.

For more information, such as technical data, application videos or prices please go to

www.ifm.com/gb/o6

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