

FLYDE003

Print media • Flyer

Flyer color sensors en



When it comes to color recognition and evaluation, no one can fool us so easily, because the color sensor series from ipf electronic was specially developed for "true color" detection ("seeing colors like humans"). The color sensors integrate all the necessary components and are easily parameterized with a mouse click using the extremely powerful and, above all, free software included in the scope of delivery. Devices with digital outputs are available that make it easy to identify or distinguish between up to 31 colors with a switching frequency of up to 35kHz. For maximum flexibility, sensors with analog outputs complete the portfolio.

Typical areas of application:

- / Colour control of anodized surfaces
- / Differentiation between brushed and unbrushed stainless steel surfaces
- / Differentiation of materials such as steel, aluminum, brass and copper
- / Monitoring the application of activators
- / Color and brightness control of LEDs
- / Quality assurance in painting processes
- / Monitoring of filling processes
- / Assembly control of sealing rings
- / Sorting of empties
- / and, and, and

Thanks to the use of photoconductive fiber optics, the color sensors are even suitable for potentially explosive areas. Last but not least, our color sensors also impress with operating distances ranging from almost 0mm to 1000mm for detection ranges with a diameter of 0.5mm to 100mm.

Have you not yet found the right sensor solution for your application? Then one of the color sensors in combination with the extremely powerful parameterization and evaluation software from ipf electronic may be able to solve your problems. Convince yourself of the versatile application potential or ask one of our specialists straight away.

Classification

ETIM 8

More

IPF Product Group	006 Print media
packaging dimensions	297 x 210 x 2.1 mm
gross weight	78 g
Customs tariff number	49111090
WEEE number	40951076
Reach-compliant	Yes
RoHS-compliant	Yes

**Installation**

Mounting / installation may only be carried out by a qualified electrician!

**Disposal**

WEEE number according to § 6 para. 3
ElektroG: 40951076

Safety warnings

- / Before initial operation, please make sure to follow all safety instructions that may be provided in the product information.
- / Never use these devices in applications where the safety of a person depends on their functionality.