PRESS RELEASE

SensoPart Industriesensorik GmbH | Web: www.sensopart.com

A press release by SensoPart Industriesensorik GmbH, Gottenheim near Freiburg/Breisgau, Germany

Packaging industry: quick and reliable detection of printing marks and coloured labels

New miniature colour sensor joins the F 25 miniature sensor family from SensoPart Industriesensorik: the new RGB colour sensor FT 25-C is currently the smallest and fastest cubic colour sensor on the market.

Typical applications of the FT 25-C miniature colour sensor include recognition of printing marks on packaging material and detection of labels or adhesive spots in packaging and labelling machines as well as lid detection in filling plants.

Measuring just $34 \times 20 \times 12$ mm³ with a switching frequency of up to 10 kHz, the RGB colour sensor FT 25-C is designed for fast automation processes, such as detection of printing marks on packaging materials. The sensor reliably detects even the subtlest nuances in colour as well as "non-colours" such as black, white and grey. The FT 25-C offers much greater process stability than contrast sensors in applications with little contrast between marks and their background and with shiny or reflective material surfaces, with unparalleled switching speed.

The narrow light spot (1×5 mm²) with a sharp contour enables accurate front edge detection of very fine printing marks and also simplifies sensor alignment. A "speaking" light spot informs the user of the stability of the colour detection process, i.e. the emitter LED flashes green, blue or red according to the quality of the taught colour value. Set-up is carried out either via the "teach-in" key or through the external control cable.

The FT 25-C is equipped with a hermetically sealed (IP 69K & IP 67), glass-fibre reinforced plastic housing, a very robust M8 metal connector plug and metal-reinforced mounting holes. The sensor can also be very easily mounted and adjusted in tight spaces with the aid of a patented dovetail mounting system.

© SensoPart Industriesensorik GmbH 2013, Gottenheim
Publication free if source is quoted.

SensoPart Industriesensorik GmbH

The sensor manufacturer SensoPart, based in Wieden near Todtnau, and also in Gottenheim near Freiburg since 2001, develops, produces and sells sensors for industrial applications. The main focus is on optoelectronic sensors, particularly laser sensors, which are used in so many industrial applications, and high-performance vision sensors
for the detection of objects, colours or data matrix codes.
The past years have been marked by a strong growth in turnover and the regular launch of new, innovative products. SensoPart has received several distinctions for its work, for example the Dr. Rudolf-Eberle Prize, 1st place in the Baden-Württemberg Prize for the Promotion of Young Companies, and has been awarded the German Sensor Application Prize several times. Further information can be found online under:
http://www.sensopart.com.