


Detection of colour and markings

Whilst conventional colour sensors need three superimposed primary colours for detection, our FT 50 C functions with white light and offers a suitable solution for every application. The FT 50 C for instance is available with 3 switching outputs or one switching output plus external teach and bus-capable RS 485 interface. The FL 64-I-C colour sensor is a DIN rail sensor with fiber-optic connection. This is simply snapped on to a DIN rail. The fiber-optic head with a diameter of 6mm can reliably detect colour even in cramped conditions.

The FT 85 and FT 20 RL sensors are particularly suitable for contrast detection.

- Dr. Rudolf Eberle Prize for Innovation (FT 50 C)
- Adjustable colour tolerances
- High distance tolerance
- Scanning function
- Teach-in technology
- Different versions for detecting colour, markings and contrast
- FL 64-I-C also available with fiber-optics connection



Product	Scanning distance	Colour sensor	Contrast sensor	Switching frequency	Connector	Cable
FT 82 RG	9 mm + 18 mm		•	10 kHz	•	•
FL 64-I-C	5 - 10 mm	•		550 Hz	•	
FL 64 RG	50 mm		•	5 kHz	•	•
FT 50 C	10 - 30 mm	•		500 Hz	•	
FT 50 C ...SI	12 - 32 mm	•		500 Hz	•	
FT 20 RL 	40 - 150 mm		•	4 kHz	•	•