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TECHNOLOGY GROUP

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so your equipment works exactly as you specify.

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Expert team | Trust guarantee | 100% satisfaction

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Find the *OMRON F400-S1* at our website: ***Click HERE***

INTELLIGENT COLOUR SENSOR IN PACKAGING, SORTING AND

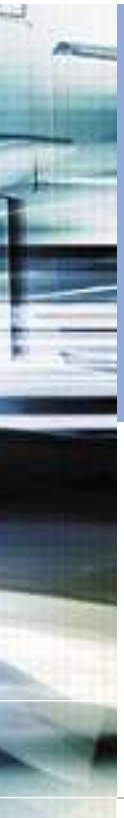


F400 • Detects coloured objects

The F400 intelligent color sensor is ideal for quality assurance and inspection tasks for colored products. Color sensors previously used in this area were limited in terms of functionality and the use of image processing systems is too costly and time-intensive. The F400 combines hue, saturation, and intensity with color pick-up and 5 color filters into an easy-to-use and powerful color vision solution. With color pick-up, the F400 can be configured quickly to detect and measure up to 8 colors simultaneously. Or use the Omron's Color-gray filter to convert a color into a 256 level grayscale to analyze and measure very fine differences in the isolated color's image, even in fluctuating lighting conditions. The F400 also allows menu control and configuration via a hand console with easy-to-use, on-screen and drop-down menus.

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ASSEMBLY PROCESSES



Features F400

- Color image processing in addition to grayscale image processing
- Easy configuration with graphical user interface
- No external programming device needed
- Variety of inspection tools: defect, pattern, edge, etc.
- 16 configurations can be stored in non-volatile memory
- 32 digital I/Os as screw clamps, RS232 interface
- Compact controller for DIN rail or screw-mount
- Variety of intelligent lighting solutions

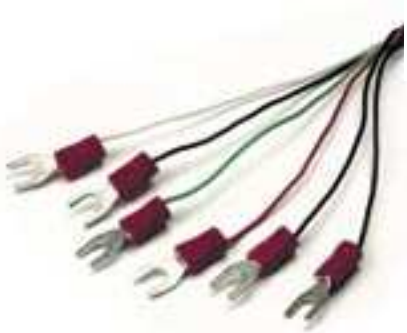
▼ Solder point inspection of copper wire.



▼ Sorting of the crates by color.



▼ Cable lug inspection.



▶ Leakage test are carried out on newly manufactured transmission units. If the tests are OK, a color marking is spayed on the unit which the F400 intelligent color sensor can recognize. The various reflection angles and the non-uniform positioning of the markings, does not impair the ability of the F400 to identify the units with complete reliability.



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We buy equipment

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