



Solve more applications with the Inspector I20

Flexibility in focus

Waldkirch/Linköping Innovation No 11 2009 - Let us introduce the newest member of the Inspector family: I20! With its exchangeable lens concept, new output logic solution and expandable IO, the Inspector I20 can solve a wider range of applications.

The Inspector series consists of compact, easy-to-use, and reliable 2D Vision sensors with integrated lighting, image evaluation and Ethernet interface. The devices were designed to solve a diverse range of applications. –And, they are capable of checking parts in any orientation and position and a predictable response time. The vision sensor's robust design is suited for difficult applications and its intelligent and fast evaluation algorithms enable Inspector to keep up with high process speeds.

Flexible field of view

Inspector I20 allows easy replacement of optical lenses for different distances and fields of view while maintaining a high enclosure rating (IP67). This, together with integrated lighting, makes the Inspector I20 very convenient for both end users and system integrators who want to solve a large number of different applications using only one kind of device.

Flexible output

Logical output options are available in the Inspector I20. With simple and/ or logic, multiple inspections can be combined to give the end user more detailed feedback. These inspection results can be used for sorting based on defects or for detailed control of other process steps in the production chain, for example.



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Flexible I/O functionality

Extended I/O support is available via an external I/O box. With the IO box, it will be possible to extend the number of outputs from 3 to 16. All of the outputs can be user defined with logical operations or be used for single inspection results. Moreover, the IO box enables more inputs as well. Input selection up to 16 taught reference objects is now possible without compromising other input functions like trigger, encoder and teach control.

More functionality through flexibility: the new Inspector I20 is more versatile than nearly any other 2D Vision sensor.



For decades, SICK has been one of the world's most innovative companies in the sensor sector. The latest technological knowledge and processes are implemented in innovative products and system solutions. They position SICK as a technology and market leader in the customer segments of factory, logistics and process automation.

More than 50 innovations in sensor and control solutions are planned for 2009. SICK will launch a new product each week as part of its "SICK Innovation Marathon 2009". All innovations – from No. 1 to No. 52 – are more than just products: they solve tasks intelligently, efficiently and precisely. And create unbeatable customer advantages.