

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

VISOR® now also speaks Profinet



PR-Foto_SensoPart_VISOR_Profinet2.jpg;



PR-Foto_SensoPart_VISOR_Profinet.jpg

SensoPart is equipping its VISOR® vision sensors with an extra network interface: the sensors now also support the Profinet IO fieldbus standard in addition to EtherNet/IP and therefore “understand” the two most commonly used industrial Ethernet communication standards.

Ethernet-based networks are becoming widely established in industrial applications: Profinet IO, the open fieldbus standard developed by Siemens, is, in particular, currently registering high growth rates. SensoPart Industriesensorik is one of the first sensor manufacturers to respond to this development and is, as of now, equipping its entire range of VISOR® vision sensors with a Profinet interface as standard. The LAN interface of the VISOR® platform now, therefore, supports a total of three interface standards: Profinet, EtherNet/IP and TCP/IP.

Profinet IO was specially designed for connecting peripheral devices such as sensors and actors to a centralised control system. VISOR® meets the requirements of the so-called conformance class A (CC-A) which enables fast real-time communication with the parent control system. All discrete input/output functions (trigger, job change-over, handshake as well as all result data) can be communicated via Profinet.

Reduced installation costs

Use of Profinet reduces installation costs considerably in large facilities with numerous sensors and actors. Costly and time-consuming IO cabling of individual sensors no longer applies and network integration can be easily configured using drag and drop.

A VISOR® vision sensor is simply connected to Profinet via the existing LAN connector; the sensor hardware remains unchanged. VISOR® sensors already in use can be retrofitted via an interface update which will be available shortly from SensoPart.

SensoPart VISOR® vision sensors equipped with Profinet have already been successfully tested by leading automotive manufacturers and suppliers, and have also obtained Profinet certification. This guarantees a reliable and easy integration of VISOR® products in Profinet environments.

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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>.