



WEBINAR

ifm Precise pressure with temperature monitoring & IO-Link Webinar



Questions & Answers

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Q & A

Can the Master be connected in a ring topology?

Yes. The first master can be connected to the network switch, from the master you can add masters, then from the last master it connects back to the network switch connecting a ring.

How accurate is the temperature monitoring in comparison to an RTD?

It is not as accurate as a RTD as it does not have a probe that is in direct contact with the media. We are looking at an accuracy of + - 2 degrees Celsius depending on the ambient air temperature and medium temperature.

Can the sensor handle over pressure?

Yes, for example the PV8004 that is the 10 Bar pressure sensor has a minimum bursting pressure of 300 Bar and it has a pressure rating of 25 Bar.

Can all the process variables and parameters be seen in the PLC?

Yes, we have IODD files for each instrument available for download directly from our website. IODD stands for Input, Output, Device description. This will point you to the data string to retrieve and even change parameters on the sensor.

With a thermocouple you can pin-point the position where a temperature must be measured inside the unit. Can it be done with this sensor as well?

The temperature measuring element is directly located on the pressure membrane, to ensure the highest response times and will measure the fluid temperature. The difference between ambient and fluid temperature will still play a role.

Is Profibus supported on IO-Link?

Yes, we have an IO-Link master on Profibus, but the features is limited and we are no longer developing new IO-Link masters on this protocol.

How robust is the sensor in very dusty environments (e.g. gas + dust applications)?

It is very robust, it has IP67 ingress protection so it will not be affected by dust. It has a Stainless Steel body as well, and our cables connectors has a special vibration protection feature as well thus even in harsh industrial environments the connector will be protected.

Can LR-Device run on an iOS device?

You can not install LR-Device on an iOS operating system, but you can install the LR-Device on a Windows operating system or a server. Because LR-Device is a web based application, you can then access the LR-Device application from any web enabled device, including one that is running iOS operating systems.



Thank you for Participation in our Webinar

Do you have any questions about the products featured?



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