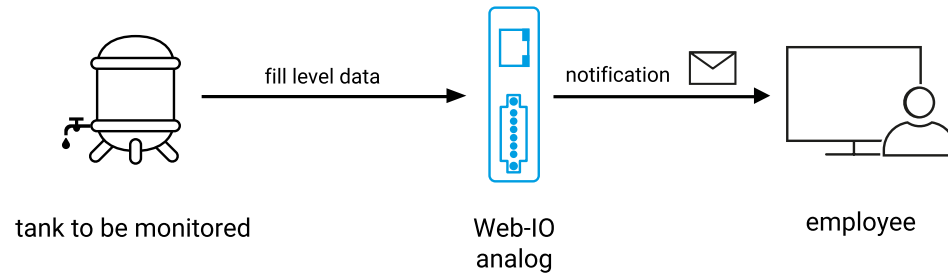


Application for Web-IO Analog-In:

Product overview

Application overview

Monitor levels with the Web-IO Analog-In



Definition of tasks

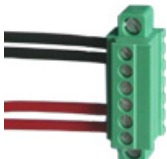

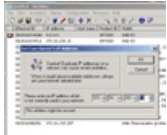

In a production environment a tank is used for delivering raw material. Unfortunately there were always delays in the production sequence, since when the tank was empty the machine no longer ran and no one was alerted about this condition.

The company sought an easily retrofittable solution for monitoring the level of the tank and informing the production manager via e-mail when the level was too low.

The solution

The EDP service provider, who had already networked the production machine, recognized immediately that the already existing network infrastructure could be used to send the alarm message directly to the internal mail server using the Web-IO Analog-In.

Details

<p>1. The level indicator for the tank was connected to the 0...20mA interface of the Web-IO Analog-In using a measuring transducer.</p>	
<p>2. The Web-IO Analog-In was connected to an available Ethernet port and provided with power.</p>	
<p>3. An IP address was assigned to the Web-IO Analog-In.</p>	
<p>4. The browser was used to configure the Web-IO Analog-In so that an e-mail to the e-mail account of the production manager is sent when the level reaches a critical status.</p>	

Further practical examples:

- [Sending measurement values from a truck scale over the network](#)
- [Sending analog values over the network using measurement transducers](#)

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