

Pump card

Hardwired signals



Added safety and stability for your operation

Utilising advanced hydraulic pumps requires precision control. This is done with a pump controller card. This card communicates with the crane PLC over a Profibus link (normal setup) or is hard wired (new setup).

Modification to a hard wired system is considered a safety upgrade that allows for communication between the pump and the pump controller card if the Profibus link should experience disturbance or shut down completely.

The new solution is based on using analogue communication on critical signals and Profibus on signals used for information only.

In addition, the pump cards will be reconfigured not to stop/trip if there is a loss of Profibus communication making the system more robust.

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