HCC –
Hose connection control

For monitoring of lubricant feed lines to bearing points on construction machines exposed to extreme loads and stresses – like shovels and backhoes

The electrical HCC hose connection control is a monitoring and signalling unit to reliably check lubricant feed lines for breaks. This unit shows the driver or operator of the machine immediately if there is a fault by sending a collective fault signal.

Benefits

- Easy and reasonably priced way of monitoring difficult to access lines to lubrication points. Hose breaks are detected immediately.
- Production downtime and serious bearing damage can be largely avoided.
- A broken hose line is indicated by an easily recognizable visual signal. The driver/operator can query an OK signal, e. g. via the machine control.
- Risk of accidents and environmental pollution by leaking lubricant can be significantly reduced.
- Easy to retrofit into already existing lubrication systems.
- Expandable at any time.
- System operation independent of temperature and pressure.

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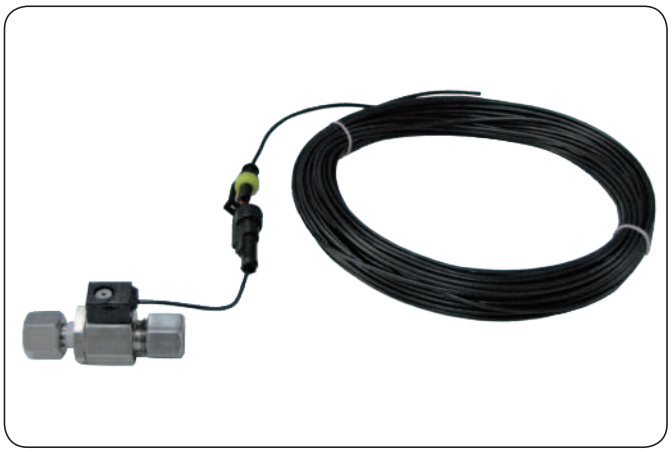

Technical data

Isolating point connector	
Supply voltage	24 V DC
OK signal	24 V PNP
Connection stud	Ø 10 mm
Operating pressure	up to 300 bar
Max. admissible pressure	up to 400 bar
Operating temperature of the mechanical components	–40 to +70 °C
Analyser unit	
Supply voltage	24 V DC
OK signal	24 V PNP
Max. number of hoses to be monitored per analyser unit	20
Dimensions (L x W x H)	100 x 85 x 40 mm
Operating temperature	–25 to +70 °C
Storage temperature	–40 to +70 °C

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