

## Replace the defective pressure transmitter

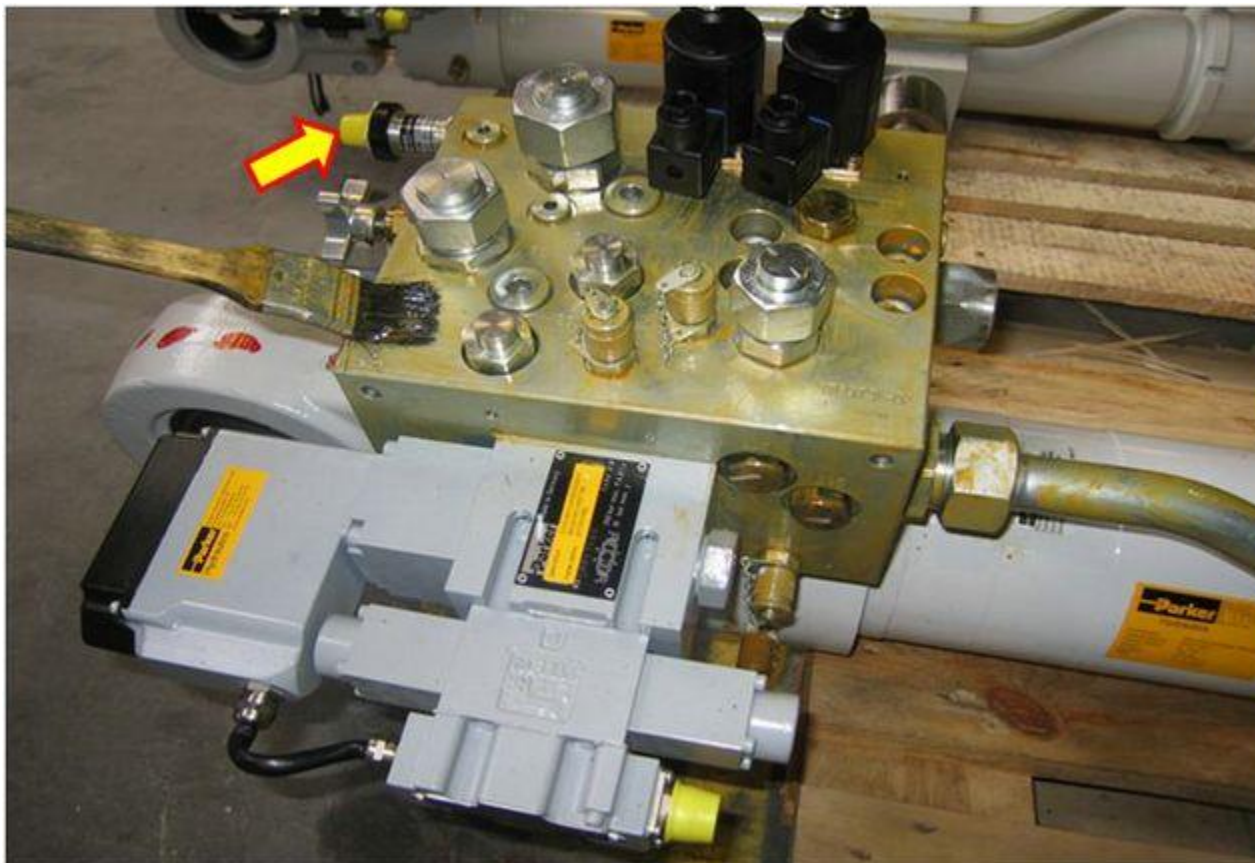
Does this solve the problem?

- 1] Yes
- 2] No
- 3] I don't know

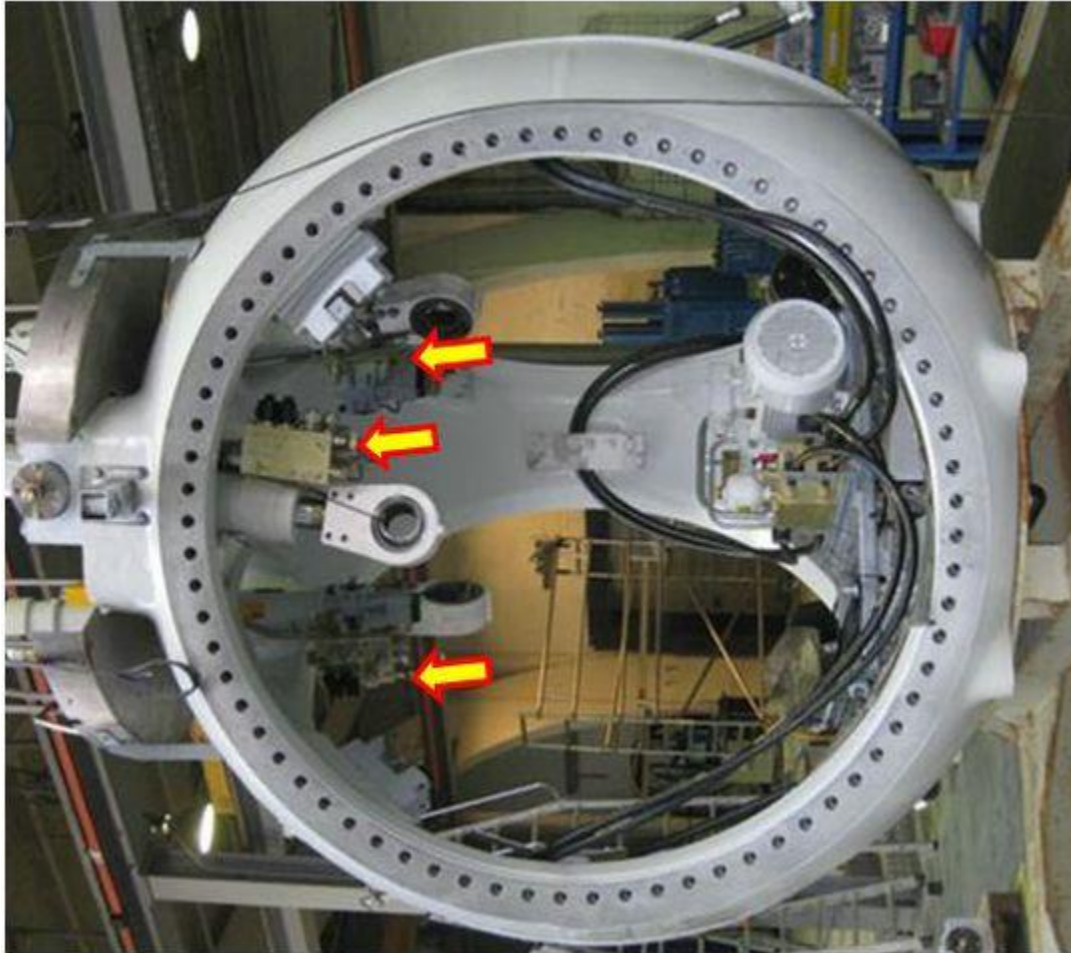
- **Explanation**  
**IN THE HUB:**

Check the affected blade pressure transmitter cable connection.

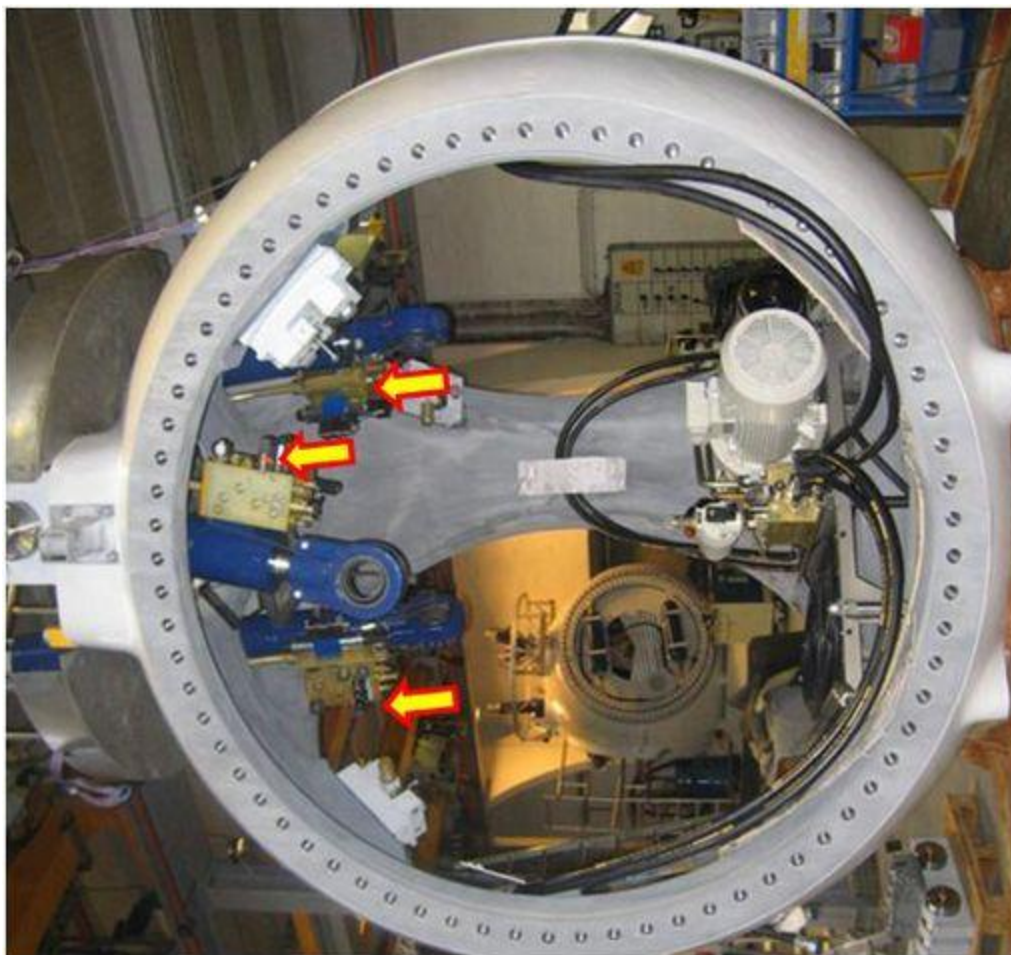
Check that the sensor is properly connected at the manifold and that it is not loose.



PARKER system pressure transmitter position:



REXROTH system pressure transmitter position:



If the pressure sensor is defective, replace with new.

Relevant spare parts	
PRESSURE TRANSDUCER MBS3000-36	<a href="#">60096497</a>





**Replace the defective pressure transmitter**

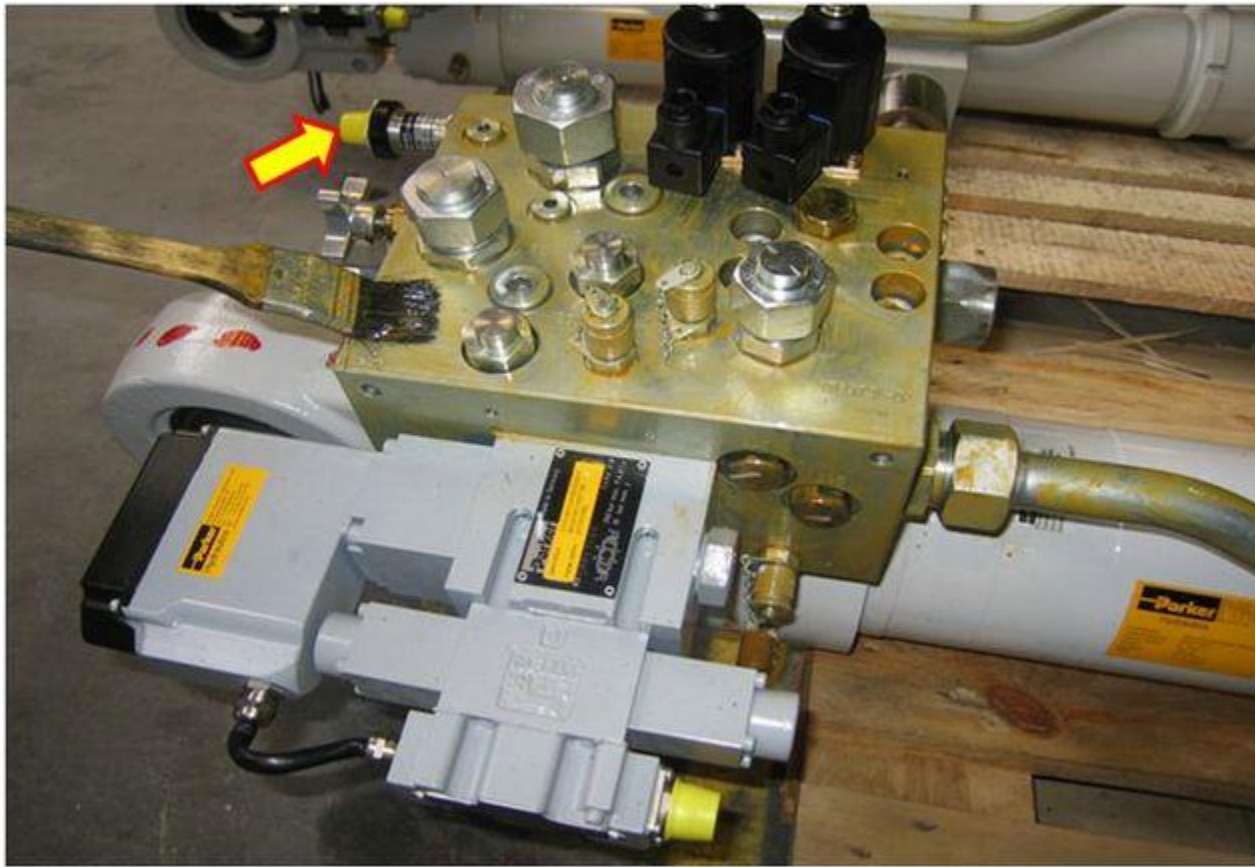
**Does this solve the problem?**

- 1] Yes
- 2] No
- 3] I don't know

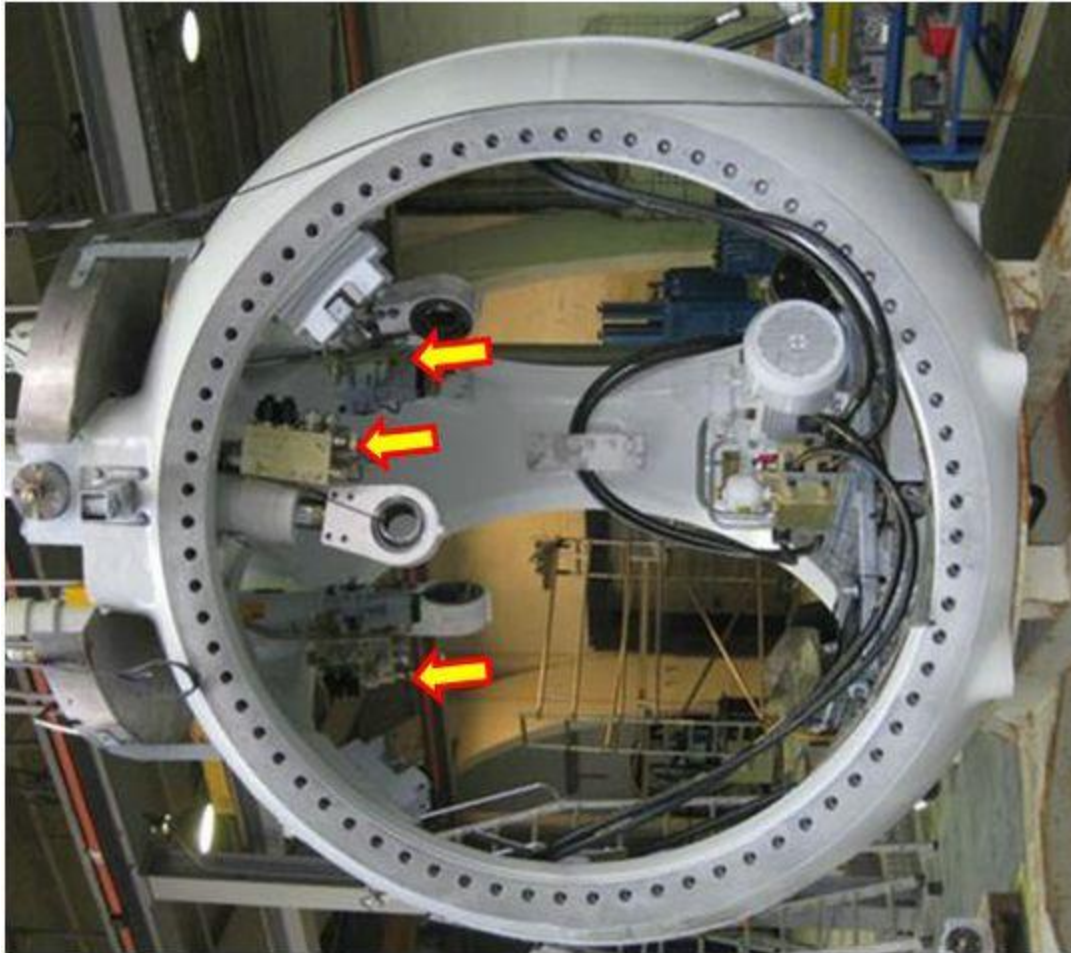
- **Explanation**  
**IN THE HUB:**

Check the affected blade pressure transmitter cable connection.

Check that the sensor is properly connected at the manifold and that it is not loose.

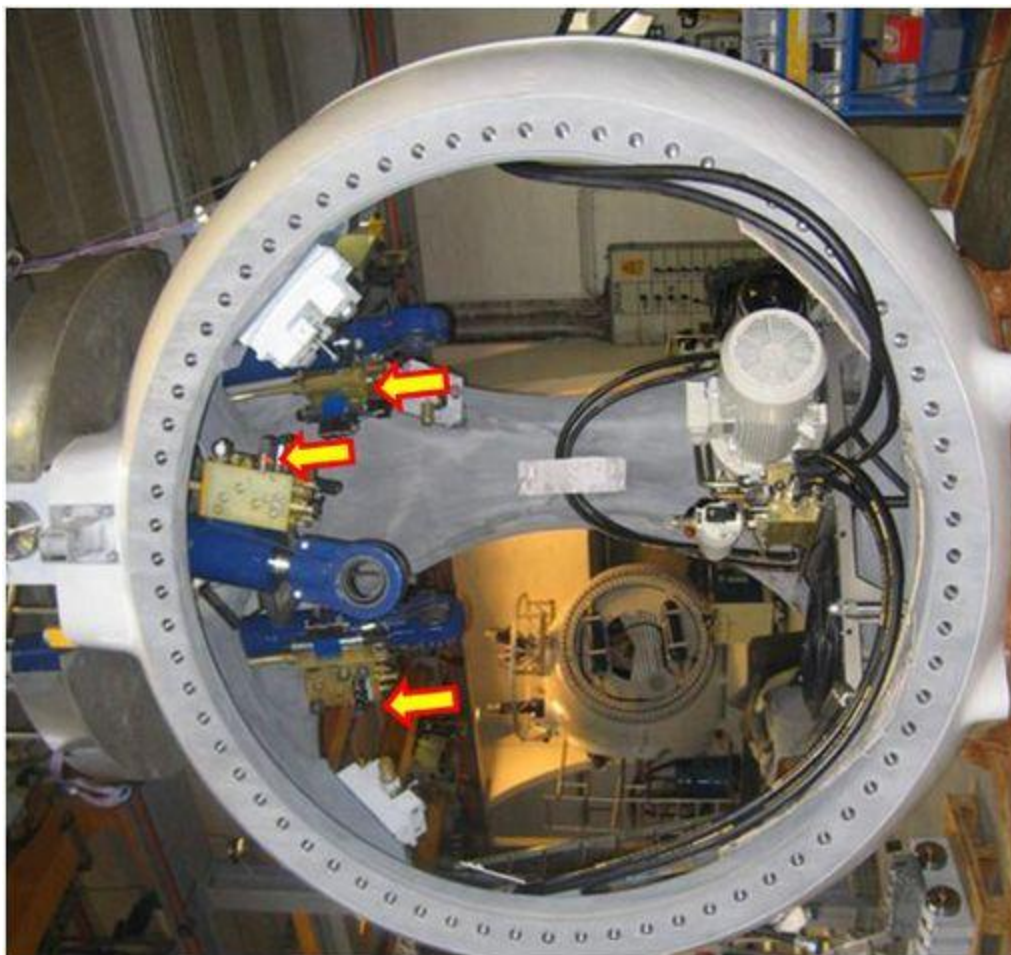


PARKER system pressure transmitter position:



REXROTH system pressure transmitter position:





If the pressure sensor is defective, replace with new.

#### Relevant spare parts

PRESSURE TRANSDUCER MBS3000-36	<a href="#">60096497</a>
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**Replace the defective cable and check the connections**

**Does this solve the problem?**

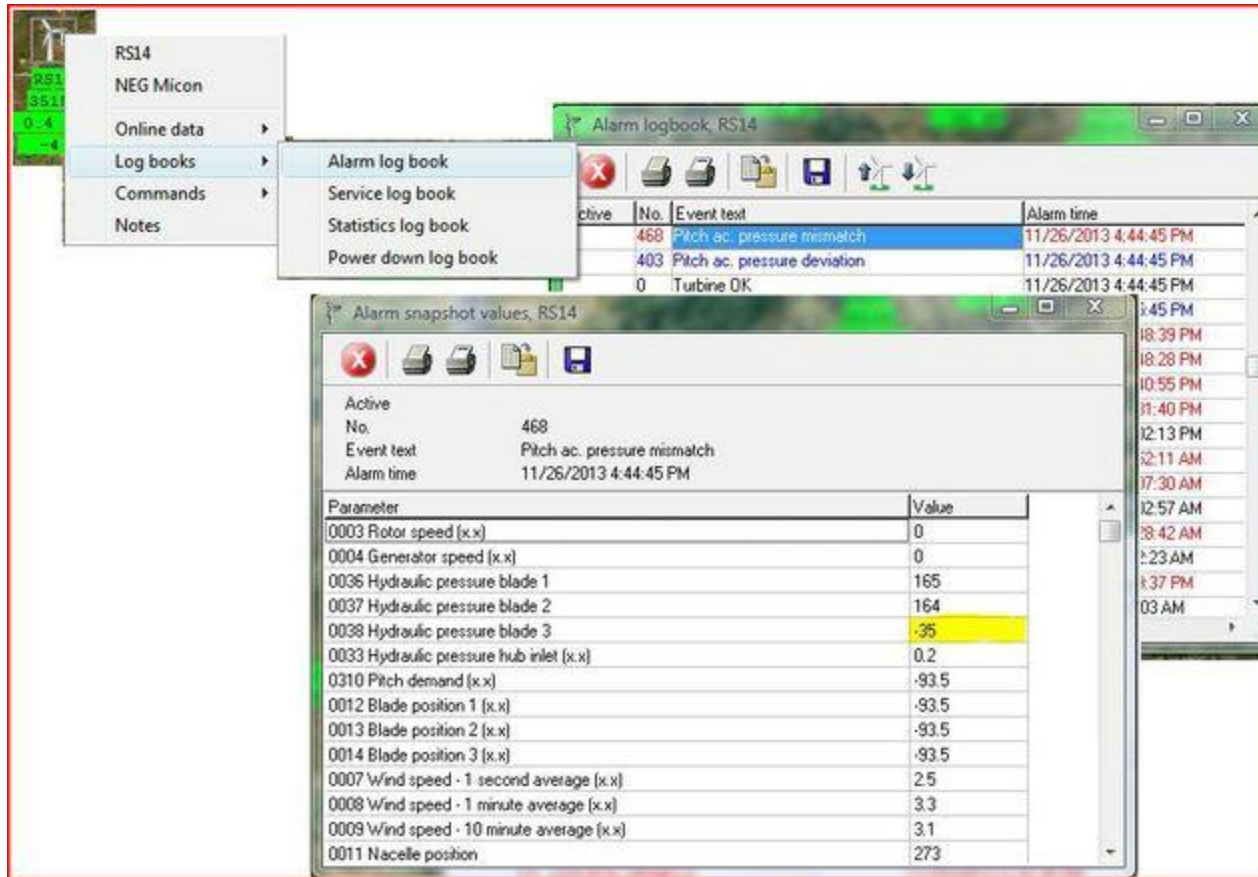
- 1] Yes
- 2] No
- 3] I don't know

- **Explanation**

Check the Alarm snapshot to identify the affected blade.

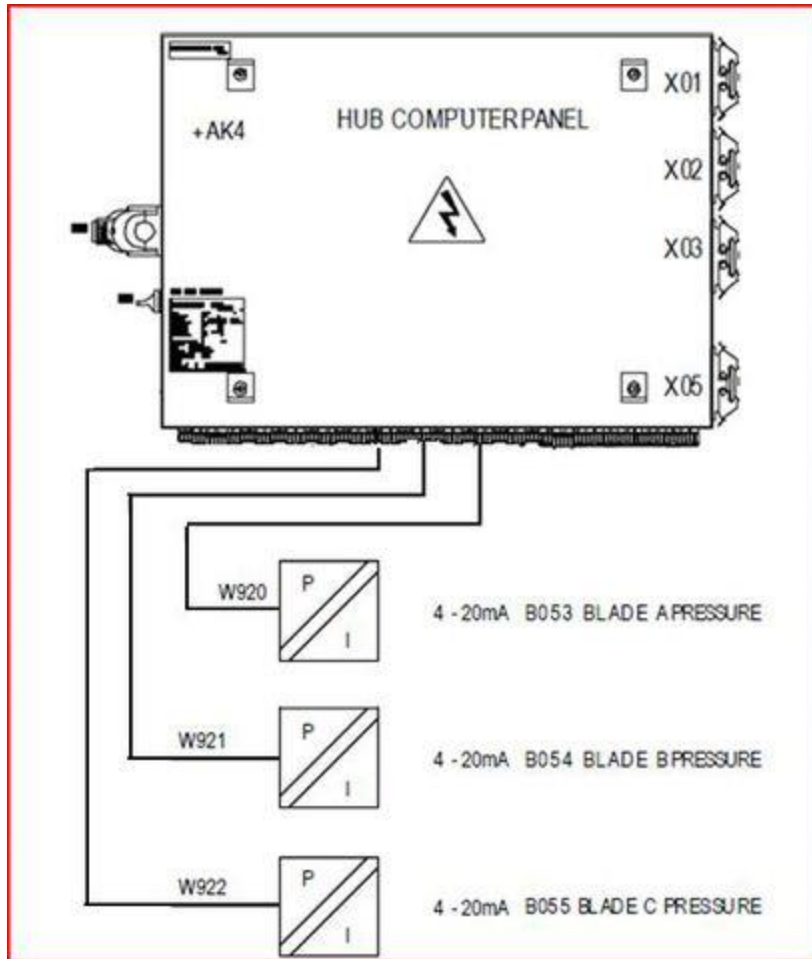
Through the TAC computer, double click the alarm it will show the snapshot values.





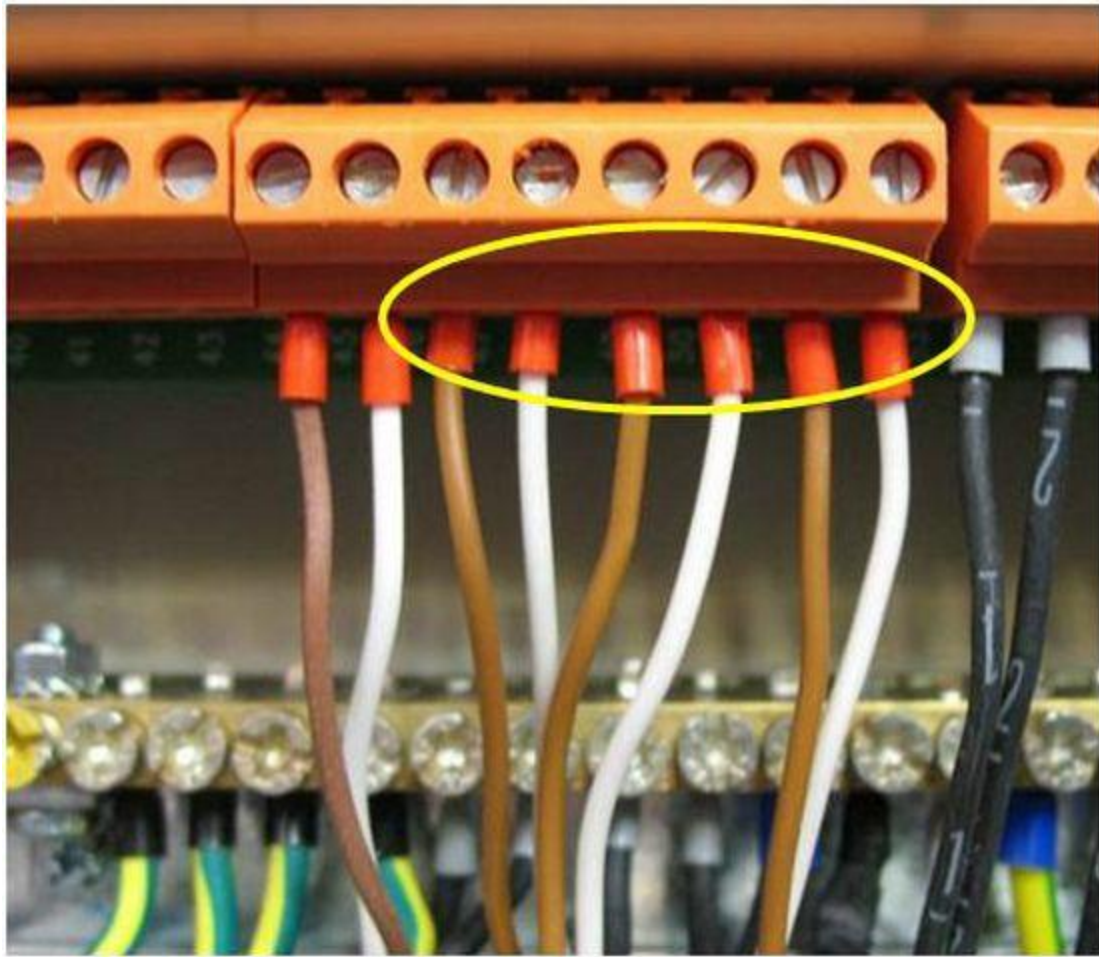
## IN THE HUB:

Pitch accumulator pressure transmitter connections in the AK4 hub computer:

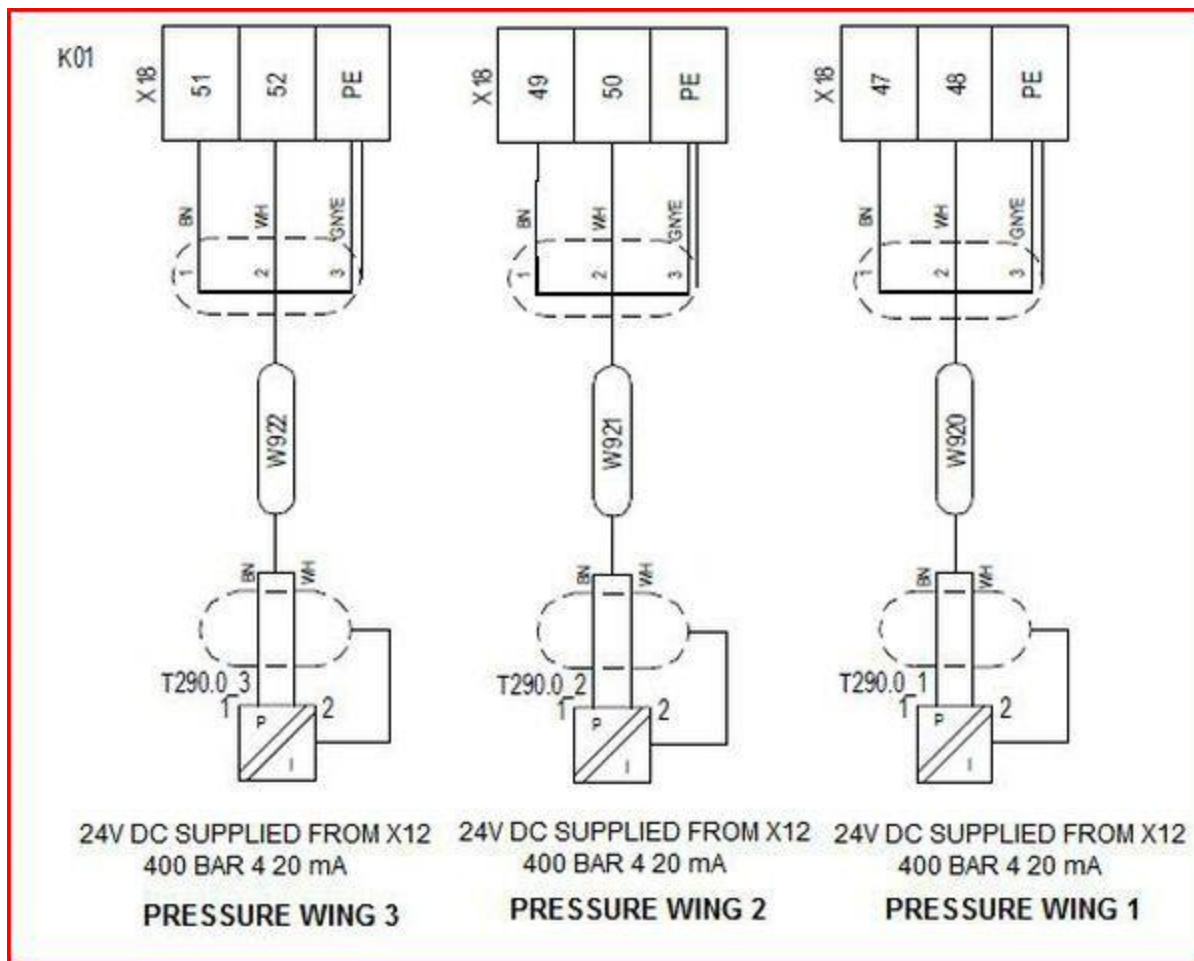


Check the hub computer terminal numbers 47, 48, 49, 50, 51, 52 for damage or loose connections.

Check the cable for any wear or cracks and verify continuity.







If the pressure transmitter cable is found to be defective, replace with new.

Relevant spare parts	
Cable W 920-T290-1 pressure transducer W	<a href="#">60021524</a>
Cable W 921-T290-2 pressure transducer W	<a href="#">60021525</a>
Cable W 922-T290-3 pressure transducer W	<a href="#">60021526</a>

**Other cable problems also lead to this alarm, so check below cables too.**

Check that all of the hub computer connection plugs are properly seated.

Check the solenoid valve connections from the hub computer.

Check hydraulic valve cables for any damage.

Check for any loose connections in the hub system or any 24V DC short in Hub

**Examples of defect cable:**





### Replace the defective Hub Computer

Does this solve the problem?

- 1] Yes
- 2] No
- 3] I don't know

- **Explanation**  
**IN THE HUB:**

If after checking all related cables and sensors the fault persists, there is likely a faulty hub computer that has caused this alarm.



If the Hub computer is found to be defective, replace it with new.

Relevant spare parts	
SIF HUB COMPUTER CABINET EVOII	<a href="#">51701801</a>



Relevant CIM case		
CIM case	Task list	SWI
<a href="#">1594</a>		

Check for surge protector upgrade in the powernet as per Document: 0013-3681 or 0033-3872

Relevant documentation	
Description	DMS No.
Test Proj_Adnl Elec Prot_V82	<a href="#">0013-3681</a>
Add_Elec_Protec_V82	<a href="#">0033-3872</a>
Commissioning instructionV82 -1.65-Mk4	<a href="#">0000-9925</a>
Blade Pitch System Test	<a href="#">0002-0467</a>

**After replacement of Hub computer perform the pitch calibration:**

Original calibration may be altered during any components replacement e.g. position sensors (Balluf), cables, proportional valves and hub computer.

**DMS: 0000-9925** section 5.10.9 Blade Position Calibration during manual pitching in the Nacelle Mode.

Also refer to Blade Pitch System Test **DMS: 0002-0467**

### Check and Replace the Defective Power Supply unit

**Does this solve the problem?**

1] Yes

2] No

3] I don't know

- **Explanation**  
Check for loose connections in the power supply units (Pos: G400 & G401)

Check input and output voltage 230VAC/24VDC

If defective, replace the power supply unit.

Check for the surge protector upgrade in Power Net as per Doc **0013-3681** or **0033-3872**.

Relevant documentation	
Description	DMS No.
0013-3681_Test Proj_Adnl Elec Prot_V82	<a href="#">0013-3681</a>
Add_Elec_Protec_V82	<a href="#">0033-3872</a>

Relevant spare parts	
Description	Item No.
PS ADC 5483R-3 10A-27,4 NM PIN	<a href="#">188453</a>