

PARTS & SERVICE NEWS

REF NO.

AH03529

DATE

October 7, 2003

(C)

Page 1 of 2

SUBJECT: Temperature sensor PT 100

PURPOSE: Releasing of new sensors for avoidance of line resistance

APPLICATION: PC4000 Hydraulic Excavator, S/N 8152 and 8155

FAILURE CODE: DG10FA

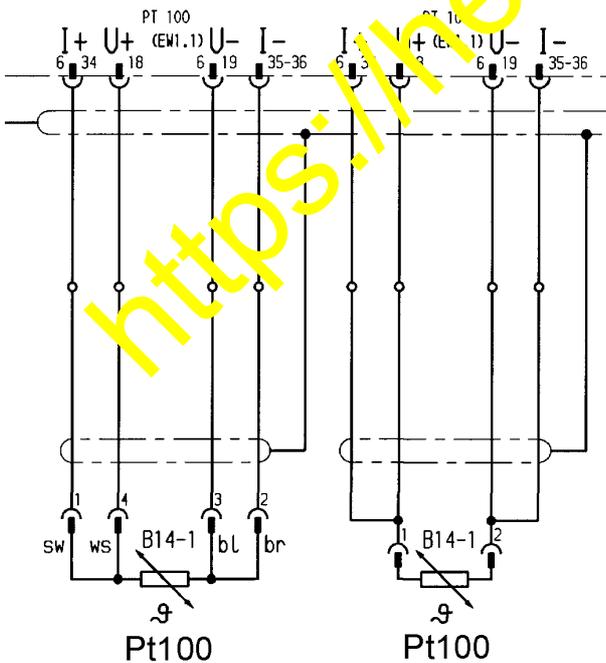
DESCRIPTION:

Advantages of employment of these new sensors:

- Prevention of electrical resistors of wires and connections;
- Exact temperature signal also at long wires and humidity.

Examples:

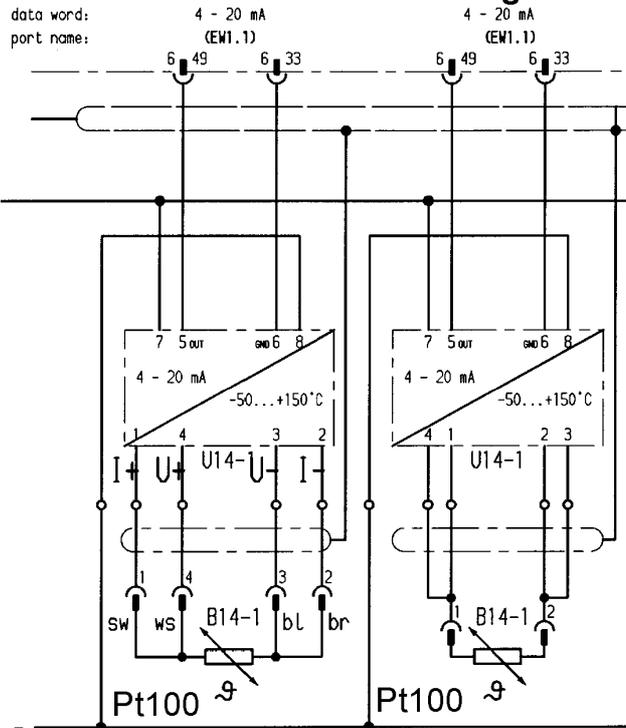
Version without external transducers for the Pt100 signals



New

Old

Version with external transducer for the Pt100 signals



New

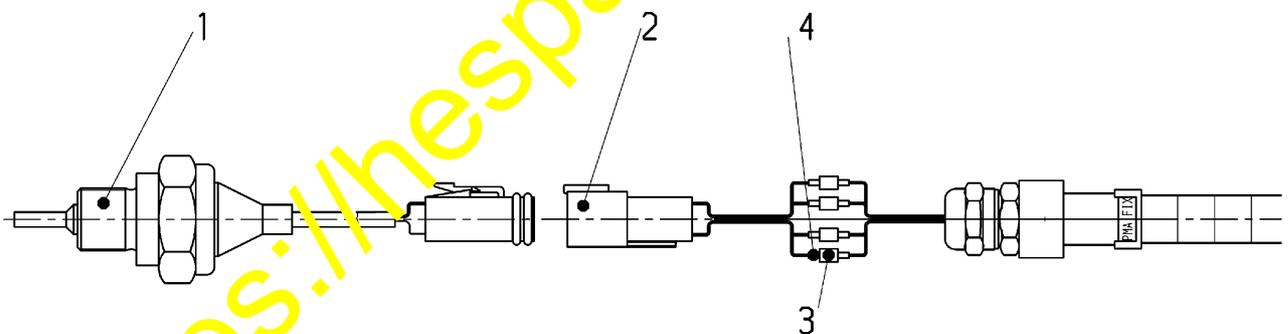
Old

Modification kit for PT100 with thread 1/2" (PN 89458340)

Position	Part name	Part No. Number	Number
1	Sensor PT100	89457640	1
2	Receptacle assy.	819224820	1
3	Cable joint (red)	05514040	4
4	Shrink down tubing	90765340	0.8 m

Modification kit for PT100 with thread M14x1.5 (PN 89458440)

Position	Part name	Part No. Number	Number
1	Sensor PT100	89457540	1
2	Receptacle assy.	819224820	1
3	Cable joint (red)	05514040	4
4	Shrink down tubing	90765340	0.8 m



1. Replace the old sensor PT100.
2. Install 4 cable joints (3) at the ends of the old connection cable.
3. Seal every cable joints (3) separately with shrink down tubing (4).
4. Connect the cable joints as shown at the drawing and in the diagrams page before.