



INSTRUCTIONS 1011-R00 e

Section	1011
Effective	May 2014
Replaces	September 2013

Original instructions

Bellows monitoring system control box (BMS)



This manual **MUST** be used in conjunction with Instructions 1011-S00 Bellows monitoring system on C & SL series pumps.
Read this manual prior using control box.



Дистрибутор:
България, София 1528, ул."Поручик Неделчо Бончев" 3, ет.5
+359 2 973 27 67, +359 2 973 2370; office_bg@opwmarket.com

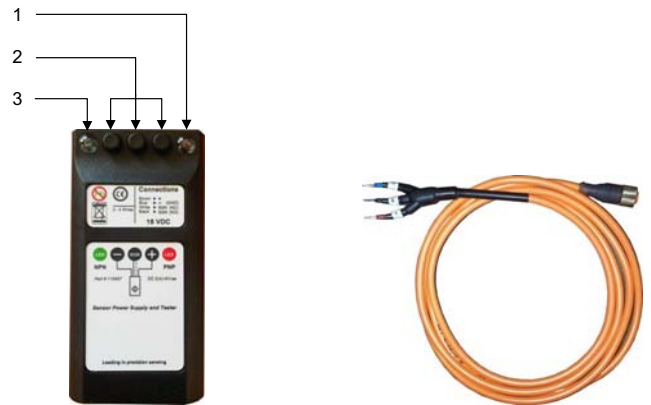
1. DESCRIPTION

This control box allows checking that pump bellows is tight.

System includes :

- A control box, with two 9V integrated batteries supply, and showing two lights and three connections.
- A wire to connect pump transmission and control box.

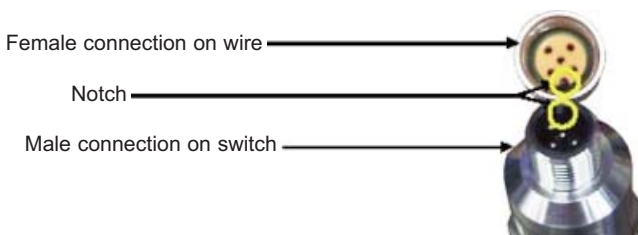
1. Red control light.
2. Buttons for connections opening.
3. Green control light (not used).



2. USE

2.1 Connecting

Connect wire to the pressure switch with the 5 pin plug. A notch allows correct plug orientation.

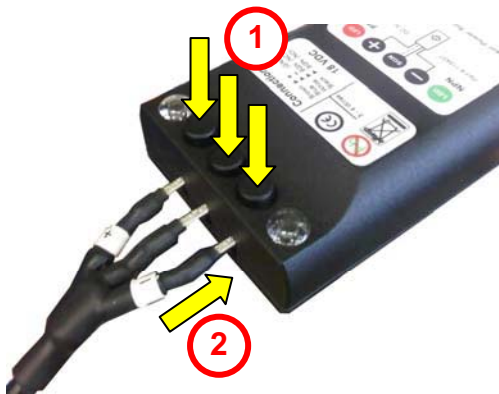


Screw the ring manually. **Be careful not producing any effort on the pressure switch.**

Connect the 3 pins to the box, following signs on wire and box (- left, SGN middle and + right).

To connect pins :

1. Press simultaneously the 3 buttons above connections.
2. Put the 3 pins inside the box.
3. Release buttons.



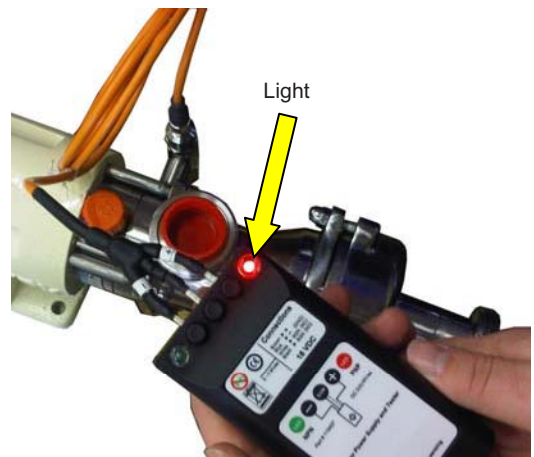
2.2 Transmission control

Once connections are made, check red light top right of the box.

If red light normally lights up, transmission is tight.

If light lights up weakly or not at all, it may be due to low batteries. Replace batteries (see corresponding paragraph).

If, in spite of batteries replacement, light does not light up, it means that transmission shows a leakage risk. In that case, refer to Instructions 1401-S00 Bellows monitoring system on C & SL series pumps.



2.3 Disconnecting

Proceed reverse to connecting procedure. Make sure having totally removing plug screwed ring prior removing the plug.

Be careful not producing any effort on the pressure switch.

3. BATTERIES REPLACEMENT

Control box is equipped with two 9 V batteries. Only use alkaline or rechargeable batteries. Do not use saline batteries.

Remove the two screws on box backside. Use a TORX[®]*, size 8 screwdriver, excluding any other tool. Use of another screwdriver type could damage screws heads, making box opening impossible.

Put back batteries by the opposed side to connections and press them down.

Check polarities.



Unclip cover.



Clip back cover, checking it is correctly orientated. Put back and tight screws.



Extract batteries, taking them on connections side.

