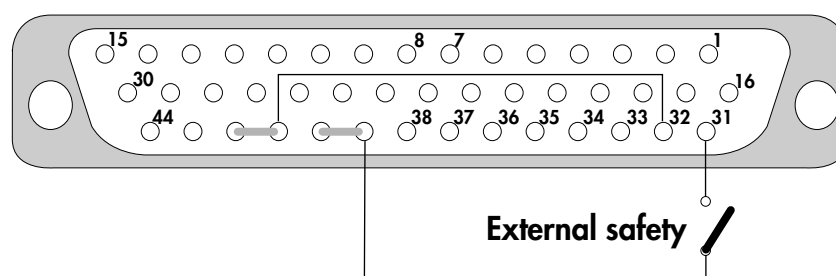


## "Remote Control" connector

### "Ext. safety" input operation

This input, which can be used to control an external contact safety device for the ACT controllers, is controlled in 2 different ways depending on the value given to the **SET START DELAY** parameter accessible in the configuration menus.



If **SET START DELAY = 0** The external safety input is controlled continuously. If the "external safety" contact is open, it displays the fault **"EXTERNAL SAFETY"**, lights up the red fault indicator light and inhibits the pump start-up. The output contact **7-8** is kept open.

If **SET START DELAY ≠ 0**

- Before pressing on **"START"**, the external safety input is not controlled.
- After pressing on **"START"** and during a delay
  - of 4 seconds if **SET START DELAY > 4 s**
  - or between 1 and 4s if **SET START DELAY ≤ 4 s**
 the external safety input is not controlled.
- After this delay, this input is handled by the ACT. If the "external safety" contact is open, it displays the fault **"EXTERNAL SAFETY"**, lights up the red fault indicator light, opens the output contact **7-8** and inhibits the pump start-up. This contact can be used to control the roughing pump (see wiring example, following page).

Note: In "REMOTE" mode, after an external fault, the pump must be set to the "STOP" status before starting up again.

## **"Remote Control" connector**

### **"Ext. safety" input operation**

Wiring example to control a roughing pump

