

# POWER UNITS

## REMOTE MONITOR FOR HP POWER UNIT

The Remote Monitor is available on the HP50, HP80 and EX-HP Power Units. It monitors the high voltage in the Power Unit to indicate if the static eliminators are working and sends a no volt signal to the PLC of the customer's machine.

The Remote Monitor is designed to give a no-volt signal to show the status of the high voltage output and whether the static control equipment is functioning.



- > It is often difficult to know whether static control equipment is working, because it is quiet.
- > If there is a fault in the static control equipment it will try to pull more than 5 mA from the Power Unit. In this case the safety cut-out in the Power Unit operates and turns off the high voltage.
- > In many processes the correct operation of the static control equipment is essential and any fault must be communicated to the operator.

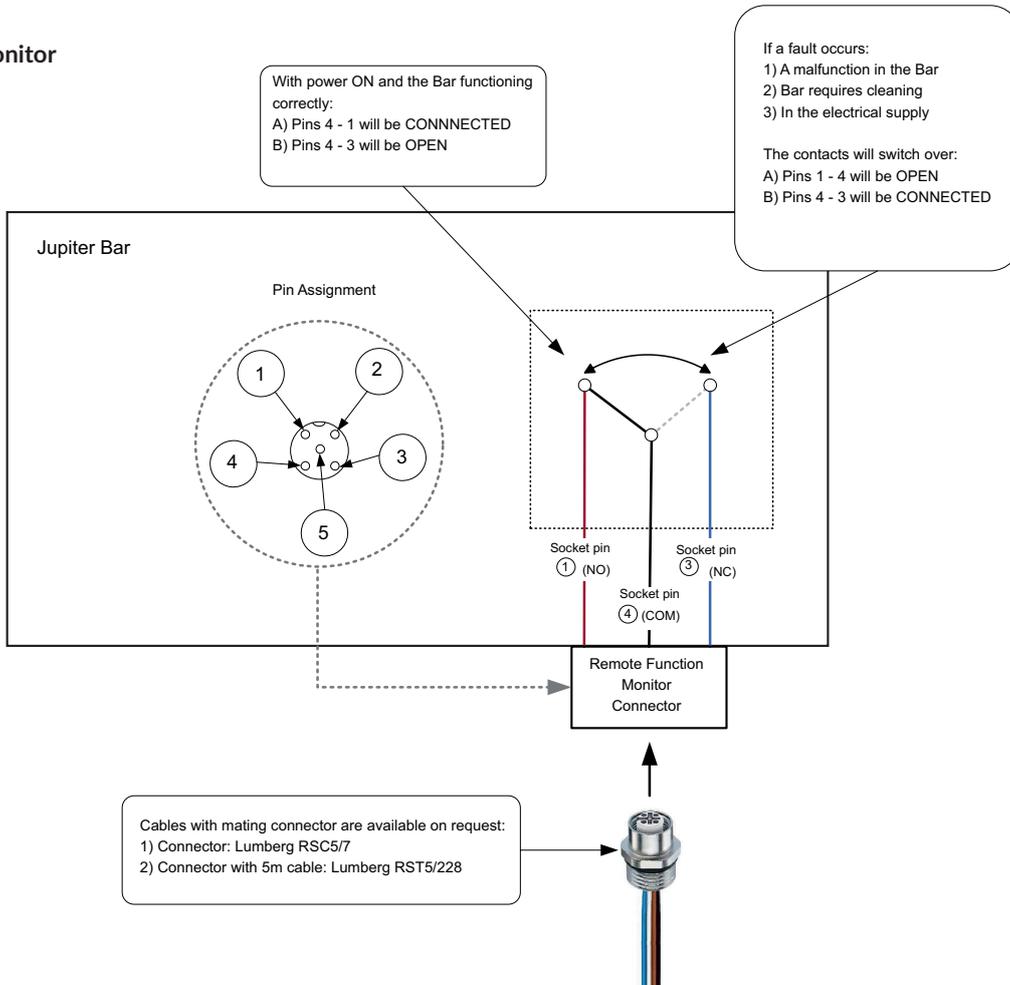
### Operation

See diagrams on page 2.

- > The operator supplies any DC or AC potential up to a maximum of 60 V.
- > A relay inside the power unit returns this signal according to the logic on Page 2. This informs the operator if the high voltage is "on" or "off".
- > The signal can be used, for example, to trigger visual or audible alarms.
- > The external connector is 5 pin M12 e.g:  
Lumberg RSC5/7  
or Lumberg RST5/228 including 5m cable.

The Remote Monitor is available on HP50, HP80 and EX-HP Power Units. It is not available on the HP50-1 or HP50-2 due to their compact size.

## Remote Monitor



## Typical Installation

