Purex Fume Extraction

Purex 8 Pin Lumberg

5m cable

Choice of connections

5m cable

Choice of switches

These interfacing switches are used to switch the Purex Fume Extractor ON/OFF from up to 5m away. The interfacing switch 105130 can also warn you when you have blocked filters by a red LED that illuminates.

PROCESS MACHINE
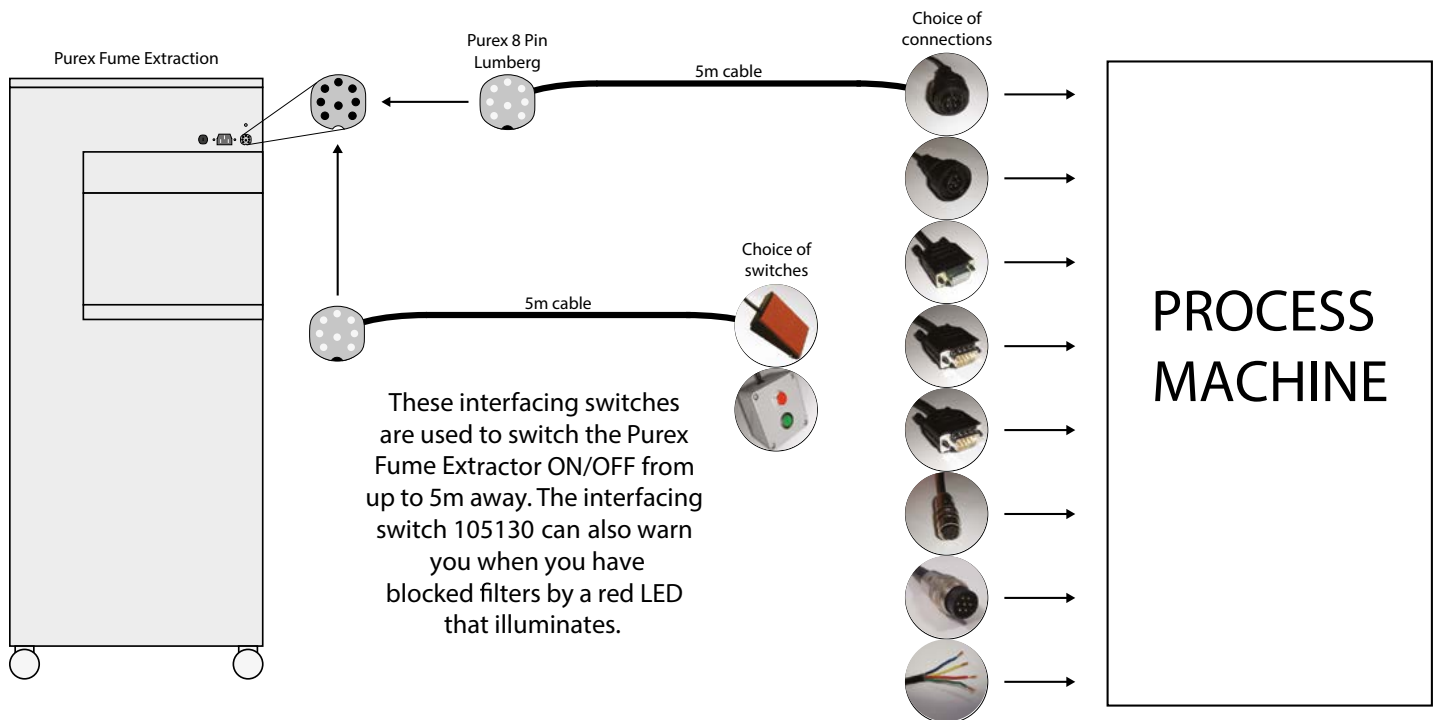
Machine interfacing has two elements - Remote Start & Filter Relay Condition.

Remote Start allows the Purex extractor to be controlled by the process machine, such as a laser or reflow oven.

The Filter Relay Condition warns the operator if the Purex extractor starts alarming.

Interface Cables

A separate interface guide is available for greater detail

9 way D-type

ALARM
PINS 1 & 2 = VOLT FREE ALARM OUTPUT CONTACTS

REMOTE START
VOLT FREE CONTACTS REQUIRED FROM THE PROCESS MACHINE TO OPERATE
PIN 3 = REMOTE START INPUT SIGNAL

PIN 4 = +12V DC

PINS 5,6,7,8 & 9 = NOT USED

Code: 105104 (5m cable)

6 way Lumberg

ALARM
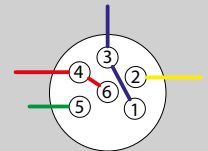PINS 1 & 6 = VOLT FREE ALARM OUTPUT CONTACTS

PINS 3 & 4 = VOLT FREE ALARM OUTPUT CONTACTS

REMOTE START
VOLTAGE SIGNAL REQUIRED FROM THE PROCESS MACHINE TO OPERATE

PIN 5 = +9V DC / +24V DC REMOTE START INPUT SIGNAL

PIN 2 = 0V DC

Code: 105096 (5m cable)

7 way Lumberg

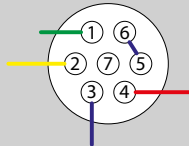**ALARM**
PINS 3 & 4 = VOLT FREE ALARM OUTPUT CONTACTS

REMOTE START
VOLTAGE SIGNAL REQUIRED FROM THE PROCESS MACHINE TO OPERATE
PIN 1 = +9V DC / +24V DC REMOTE START INPUT SIGNAL

PIN 2 = 0V DC INPUT

PINS 5,6 & 7 = NOT USED

Code: 105098 (5m cable)
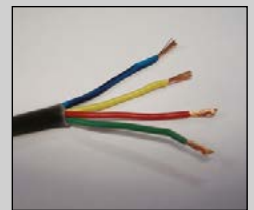
No Connector

ALARM
RED & BLUE WIRES = ALARM SIGNAL

OUTPUT VIA A SET OF VOLT FREE CONTACTS INSIDE PUREX EXTRACTOR

REMOTE START
YELLOW & GREEN WIRES = REMOTE START/STOP

VOLT FREE CONTACTS REQUIRED FROM THE PROCESS MACHINE TO CLOSE THESE WIRES TO START (+12V DC)

Code: 105108 (5m cable)
Code: 105108L (10m cable)

Remote ON/OFF Switch

Now you can easily switch your Purex fume extractor on or off from up to 5m away.

This is particularly useful if your fume extractor is tucked away under a bench or in a cupboard where it cannot easily be accessed.

This feature is also useful if the work you do is not continuous e.g intermittent hand soldering, as you will be saving energy by turning the extractor off.

Code: 105114 (5m cable)

Interface Cables

A separate interface guide is available for greater detail
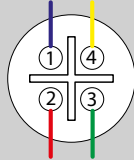
4 way Mini Bulgin

ALARM
PINS 1 & 2 = VOLT FREE ALARM
OUTPUT CONTACTS

REMOTE START
VOLT FREE CONTACTS
REQUIRED FROM THE PROCESS
MACHINE TO OPERATE

PIN 3 = REMOTE START INPUT SIGNAL

PIN 4 = +12V DC

Code: 105097 (5m cable)

Illuminating Alarm Switch

The Illuminating alarm switch not only allows you to remotely switch on/off the Purex fume extractor, but also warns the operator that the filters are blocked and the machine is alarming using a red LED that illuminates to signal the warning.

It uses the Purex extractors opto-isolated 12V DC to provide the remote start and the alarm signal.

Code: 105130 (5m cable)

6 way Bulgin

ALARM
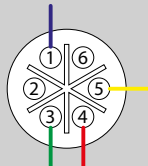PINS 1 & 4 = VOLT FREE ALARM
OUTPUT CONTACTS

REMOTE START
VOLTAGE SIGNAL REQUIRED
FROM THE PROCESS MACHINE
TO OPERATE

PIN 3 = +9V DC / +24VDC REMOTE
START INPUT SIGNAL

PIN 5 = 0V DC

PINS 2 & 6 = NOT USED

Code: 105103 (5m cable)

9 way D-type

ALARM
NO ALARM OUTPUT

REMOTE START
VOLTAGE SIGNAL REQUIRED
FROM THE PROCESS MACHINE
TO OPERATE
PIN 2 = 0V DC

PIN 5 = +9V DC / +24V DC REMOTE
START INPUT SIGNAL

PINS 1,3,4,6,7,8 & 9 = NOT USED

Code: 105106 (5m cable)

9 way D-type

ALARM
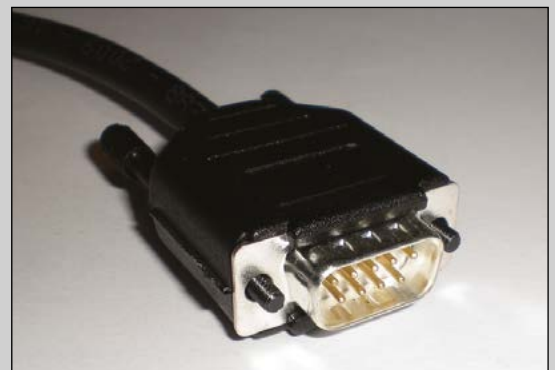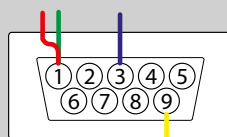PIN 3 = +9V DC / +24V DC ALARM OUTPUT

REMOTE START
VOLTAGE SIGNAL REQUIRED FROM THE PROCESS MACHINE TO
OPERATE
PIN 1 = +9V DC / +24V DC REMOTE START INPUT SIGNAL

PIN 9 = 0V DC

PINS 2,4,5,6,7 & 8 = NOT USED

Code: 105107 (5m cable)