Description

The Premier EXPro repeater is a serial (4-wire) device for use with the Premier EXPro extinguishing control panel.

It is used where a protected area has more than one entrance, and some control and monitoring functions are required at each entrance.

It has a built in manual release switch to enable remote activation of the extinguishing system.
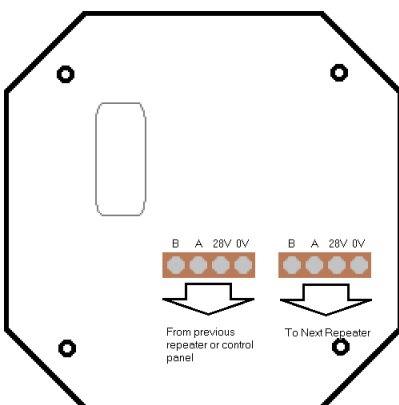
Indications

The Premier EXPro repeater has 10 LEDs to indicate the status of the EXPro Extinguishing panel:

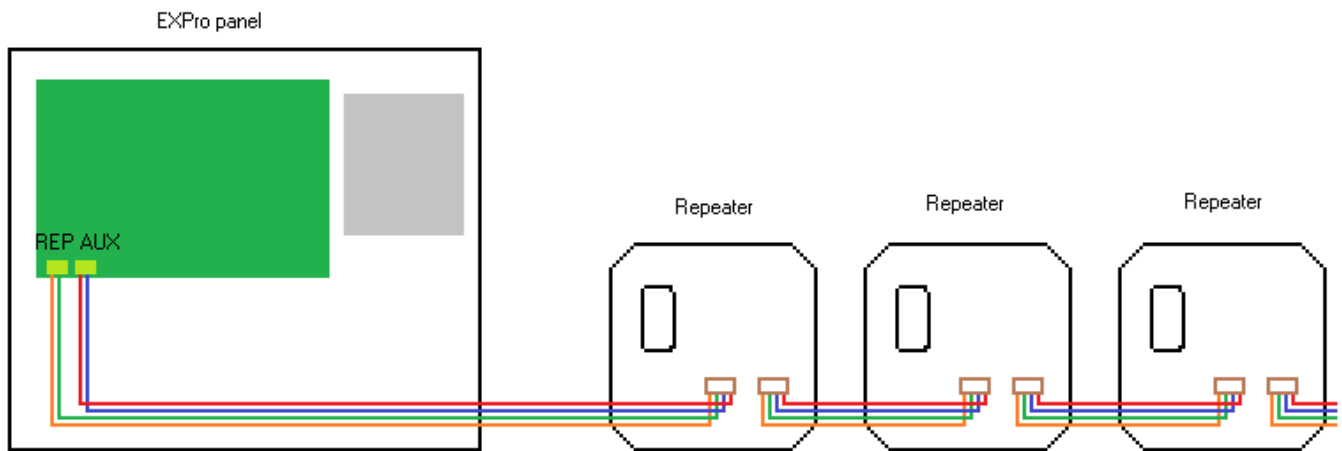| 🟢	POWER	🟡	FAULT
🔴	1ST STAGE ALARM	🔴	2ND STAGE ALARM
🔴	GAS FIRED	🟡	LOW PRESSURE
🔴	MANUAL RELEASE	🟡	ABORT
🟢	AUTO MODE	🟡	MANUAL MODE

Connections

Two terminal blocks are provided on the back of the PCB to facilitate the installation of multiple repeaters. The panel can be connected to either of these terminal blocks.

The EXPro repeater has the following connections:-

0v, 28v   Power connections – it is recommended this is connected to the AUX output on the panel.

A, B   Serial data connections

A number of repeaters can be daisy chained together in this manner; the recommended maximum is 10 repeaters.

EXPro repeaters should be installed one at a time, and their functional operations confirmed before installation of the next one.

Technical Data

OPERATING VOLTAGE	5-30V DC
QUIESCIENT CURRENT	16mA @ 28V
QUIESCIENT POWER CONSUMPTION	0.45w
MAXIMUM CURRENT	230mA @ 5v, 51mA @ 28v
OPERATING TEMPERATURE	0°C to 50°C
MAX HUMIDITY	95% RH Non Condensing
SIZE (W x D x H) (EXCLUDING SWITCH)	125mm x 130mm x 51mm
SWITCH PROTUSION (CLOSED)	30mm
SWITCH PROTUSION (OPEN)	45mm
WEIGHT	290g

Other Information

Like all electronic equipment, at the end of its working life this unit should not be disposed of in a refuse bin. It should be taken to a local reprocessing site as per the guidelines of the WEEE directive, for correct disposal.