



Fireles Transponder



The Fireles Transponder has been designed to communicate with up to 30 mixed field devices such as smoke and heat detectors, manual call points, sounders and LED indicators, and input/output devices.

This version includes the LCD indication and control display.

The Wi-Fyre Transponder is small and easy to install. Commissioning is accomplished either using an inbuilt 5 button plus LCD panel front display, or via an optional Wi-Fyre PC interface card connected to a PC or laptop.

Radio	
Operating Frequency	868 - 870 MHz, 14dBm
Operating Channels	12
Field Devices (max)	30 per interface
Range	150m open area
Electrical	
Power Source	Addressable Loop, Conventional Zone and/or Auxiliary
Display (optional)	LCD
Local Control (optional)	5 Tactile push-buttons or PC connection
Zone IN/OUT Ratings	19 - 28Vdc, 400mA
Zone IN/OUT Internal Alarm Resistance	Equivalent to 450 Ohm
Sounder IN/OUT Ratings (max)	8 - 24Vdc, 800mA
Auxiliary Supply Voltage (max)	19 - 40Vdc
Manual Alarm Relay Contact	1 x Solid-state normally open, 60Vdc, 600mA
Automatic Alarm Relay Contact	1 x Solid-state normally open, 60Vdc, 600mA
Common Fault Contact	1 x Solid-state normally closed (failsafe), 60V, 500mA
Cable Terminals	Rising clamp 1.5mm
Operating Current (nom.)	12mA
Configuration Interface	Local and/or Wi-Fyre PC interface
Environmental	
Operating Temperature	-10 to +55°C
Ingress Protection	IP 54, for Indoor use only
Humidity	10 to 95% RH (non-condensing)
Mechanical	
Max Outer Dimensions (W x H x D)	234 x 164 x 75mm
Mounting Box Recessing Dimensions (W x H x D)	228 x 133 x 51mm
Weight	620 grams
Housing Material	Polycarbonate
Colour	White
Cable Entries	6 x 20mm
General	
Applicable Standards	EN54-25, BS 5839 Part 1:2002 ENTSI 300:220

