

XPander

Diversity Loop Interface



Product overview

Product	XPander Diversity Loop Interface
Part No.	XPA-IN-14050-APO
Protocol Compatibility	XP95 (native) and Discovery - not CoreProtocol compatible

Approvals



Product information

The XPander Diversity Loop Interface is connected to the loop and provides communications from the fire control panel to the wireless devices and vice-versa.

The XPander Diversity Loop Interface has an integral LCD which gives information on the state of the wireless devices. The interface transmits and receives signals via the integral Diversity aerials which require no adjustment or maintenance.

- Powered from the loop
- A maximum of five interfaces can be connected to a loop
- Up to 31 devices can be logged on to each interface

Technical data

All data is supplied subject to change without notice. Specifications are typical at 24 V, 25°C and 50% RH unless otherwise stated.

Supply voltage	24 V dc plus voltage pulses
Current consumption	15 mA
Mechanical isolation	Isolator included as standard
Operating temperature	-10°C to 55°C
Humidity	0% to 95% RH (no condensation or icing)
Vibration, impact and shock	EN 54-17, EN 54-18
Standards and approvals	EN 54-17, EN 54-18, EN 54-25, CPR
Dimensions	205 mm height x 270 mm width x 85 mm depth
Weight	950 g
Material	ABS

Note: The XPander Diversity Loop Interface must be installed at least 400 mm away from any metal object. The recommended minimum distance to any electrical equipment is two metres in all three dimensions.

EMC Directive 2014/30/EU

The XPander Diversity Loop Interface complies with the essential requirements of the EMC Directive 2014/30/EU, provided that it is used as described in this data sheet.

A copy of the Declaration of Conformity is available from Apollo on request.

Conformity of the XPander Diversity Loop Interface with the EMC Directive does not confer compliance with the directive on any apparatus or systems connected to it.

Construction Products Regulation 305/2011/EU

The XPander Diversity Loop Interface complies with the essential requirements of the Construction Products Regulation 305/2011/EU.

A copy of the Declaration of Performance is available from Apollo on request.

Radio Equipment Directive 2014/53/EU

The XPander Diversity Loop Interface complies with the essential requirements of the Radio Equipment Directive 2014/53/EU provided that it is used as described in this data sheet.