

FRL700xx

LON700 LCD Repeater

General

The FRL700 LCD Fire Alarm Repeater is a smart and compact, cost-effective solution for fire panel repeaters.

User friendly

The FRL700 has a compact and basic, user-friendly design allowing it to be installed unobtrusively in reception areas, offices, lift lobbies, etc. It allow alarms to be displayed using an EN54 compliant 4 x 20 character LCD display. Up to 20 characters of user text (programmed from the main control panel) are displayed per alarm. Standard LEDs on the repeater indicate common statuses such as common fire, fault, disable, notification status, multiple alarms and power supply status, whilst an internal buzzer warns of any new conditions. Push buttons allow the control the internal buzzer, silencing or sounding of alarm, resetting, investigation times and local LED testing.

Installer friendly

The FRL700 connects to the fire panel using a simple two-wire communications bus that may be up to 1500 m in length. Up to 15 repeaters may be connected to a single control panel. The units are connected directly to the FP1200/2000 control panel using an optional plug-on LON700 interface. The units are powered externally with 24 VDC.



Standard Features

- Cost effective repeater solutions
- Easily installed, simple operation
- 24 Volt power supply
- Up to 1500 metre bus length
- 2 wire connection between fire panel and repeaters
- 4 x 20 character LCD display, common LED's, push button control

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Specifications

Power supply	
Operating voltage	12-24 VDC
Current consumption (max)	100 mA @ 12 V
Connectivity	
Communication ports	1 x LON700 port
Bus lenght (max)	1.2 km
Bus cable	2 Wire CAT5
Environmental	
IP Rating	IP54
Operating temperature	-5 to +40°C
Storage temperature	-20 to +60°C
Relative humidity (noncondensing)	10 to 95%
Physical	
Dimensions (h x w x d)	240 x 320 x 60 mm
Weight	1.5 kg
Cable entry (top/rear)	2/2 x 20 mm Ø

Ordering Information

Part No.	Description
FRL700xx	LON700 LCD Repeater
-xx	Language Codes