

# FRN 92

## Red Loop Sounder with Visual Indicator



### Product Features:

- Comply with EN54-3.
- Designed with an upper cover and a lower cover and installed on a detector base, so it can be installed, commissioned and maintained conveniently.
- Suitable for wall and ceiling-mount installation.

Loop input	DC24V(20-28V),≤2mA(monitored status),≤8mA(alarm status)
Power consumption	≤0.2W@DC24V ( <b>Loop powered</b> )
Sound Level	See the following table"Sound Level Data"
Flash Color	Red
Ingress Protection Rating	IP21C
Operating Temperature	-10°C ~ +55°C
Relative Humidity	≤95%, non condensing
Material of Lens/Body	Flame retardant PC/ABS
Dimension	φ100mm×100.5mm( with the base)
Mounting Hole Spacing	45mm ~ 70mm
Weight	About 236 g (with the base)

**Table: Sound Level Data (EN54-3 approved)**  
**Tone1: 667Hz-2000Hz@0.21Hz, Max Volume, dB(A)@1m**

Angle	Horizontal		Vertical	
	20V	28V	20V	28V
15°	81.2	84.9	81.0	84.6
45°	77.0	80.0	75.0	78.0
75°	83.8	86.9	83.0	86.6
105°	83.5	86.6	83.0	85.7
135°	77.4	80.1	75.3	78.7
165°	80.7	83.2	79.2	82.9