BOSCH

FNS-320 Beacons Conventional

▶ Compact, robust and maintenance-free

▶ Reliable, bright light, and long-lived with Xenon flash tubes

▶ For operating voltage 12 V DC and 24 V DC

▶ Can be used in adverse environmental conditions

The FNS-320 Beacons are universally employable optical signaling devices.

Functions

The beacon lamp is mounted in the upper, clear part of the device. When activated via the fire panel, it flashes with a flash rate of once a second.
The connections are protected against reverse polarity.

Regulatory information

Region	Regulatory compliance/quality marks	
Europe	CE	FNS-320-SRD, FNS-320-SYE, FNS-320-SWH, FNS-320-SGR
Morocco	CMIM	FNS-320-xx
Poland	CNBOP	1229/2012 FNS-320-SRD

Installation/configuration notes

- The device is not certified to EN 54-23. It is not suitable for fire alarm use within the EU.
- The device is suitable for indoor and outdoor use. (Outdoor use only with appropriate cable fittings. Not included in delivery.)
- The upper part is fixed to the base by a bayonet lock.
- The lens has screw threads and is also secured against removal by a security screw.
- The device can be connected to:

- Bosch fire panels with the improved LSN system parameters through NZM 0002 A or FLM-420-NAC
- BZ 500 LSN, UEZ 1000 LSN, UEZ 2000 LSN, UGM 2020

Technical specifications

Electrical

Operating voltage (VDC)	9 VDC – 60 VDC
Current consumption (mA)	40 mA – 245 mA
• 60 V	40 mA
• 24 V	88 mA
• 12 V	185 mA
• 9 V	245 mA

Mechanics

Housing material	ABS V0 + PC
Base color	Red, RAL 3001
Dimensions (Ø x H) (mm)	93 mm x 121 mm
Weight (g)	180 g

Environmental conditions

Protection class as per EN 60529	IP 21C (IP65)*

Operating temperature (°C)	-20 °C – 70 °C

*Manufacturers specification, not third party verified

Special features

Luminous intensity (cd)	10 cd
Lightning energy (J)	1.25 J
Flash rate (Hz)	1.0 Hz

Ordering information

FNS-320-SRD Beacon, surface-mount, red
for local visual signaling
Order number **FNS-320-SRD**

FNS-320-SGR Beacon, surface-mount, green
for local visual signaling
Order number **FNS-320-SGR**

FNS-320-SYE Beacon, surface-mount, amber
for local visual signaling
Order number **FNS-320-SYE**

FNS-320-SWH Beacon, surface-mount, white
for local visual signaling
Order number **FNS-320-SWH**