

TFS-2282

Intelligent Addressable Sounder and Beacon with Built-In Isolator

Teknim TFS-2282 is an internal usage fire alarm sounder with beacon. It can be powered by loop line and has built-in isolator to protect the loop against shortcuts.

TFS-2282 has aesthetic design and low power consumption and are suitable for use with all Teknim addressable fire alarm control panels.

General Features

- EN54-3, EN54-23 and EN54-17 Certified
- Siren and Beacon / Beacon only / Siren only operating modes
- Selectable sound level and beacon frequency
- Sound level 92 dB±5 dB
- Light coverage volume W-2,4-5
- Teknim addressable fire alarm control panels with programmable settings
- 24 tones available (22 international 2 special tones)
- Protection class IP21C
- UL94 V-0 flame-retardant material
- Suitable for wall mounting
- Screw locking feature against tampering

EN54-3

EN54-17

EN54-23



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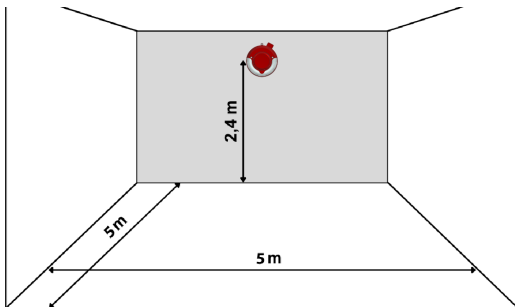
Technical Specifications

	TFS-2282
Power Input	32VDC
Beacon Rate	0,5 / 1 Hz
Coverage Area	W-2,4-5
Sound Level	92 dB±5 dB (@1meter,24Vdc)
Sound Tone	24 Different Tone
Play Mode	Sounder and Beacon / Only Beacon / Only Sounder
Body Material	UL94 V-0 flame-retardant material (Red, Transparent)
IP Class	IP21C
Usage Area	Internal use in building / Type A device
Weight (Base Included)	210 gram
Dimensions (Base Included)	Ø:106,6mm, h:69.5mm
Operating Temperature Range	-10°C ~ +55°C
Humidity	@ +40°C %0 ~ %95 Max
Usable Cable Cross-Section	Shield fire cable (0.8mm ² ~ 2.5mm ²)



Coverage Area

EN54-23 W-2,4-5



Sound Level Options

Low Mod	Standard Mod	High Mode
85 dB±5 dB	92 dB±5 dB	100 dB±5 dB

Alarm Current Consumption

Beacon Rate	TFS-2282
0,5 Hz	6 mA
1 Hz	9 mA

Teknim Elektronik SAN. ve TİC. A.Ş

Dudullu Organize Sanayi Bölgesi 1.Cadde İsmet Tarman İş Merkezi No:1/32 Ümraniye-İSTANBUL

Tel: +90 (216) 455 88 46 - sales@teknim.com
www.teknim.com

Supported Tone Modes

Tone Modes	Sound Frequency Range	Tone Country	Tone Standard
TONE 1	1650Hz~2754Hz	Special Tone	Default(TFS-4192)
TONE 2	1754Hz~2380Hz	Special Tone	Default(TFS-1182)
TONE 3	440Hz(400ms)~554Hz(100ms)	France	NFS 32-001
TONE 4	800Hz(500ms)~970Hz(500ms)	UK	BS5839 Pt1
TONE 5	800Hz(250ms)~970Hz(250ms)	UK	BS5839 Pt1,FP1063.1
TONE 6	0Hz(1000ms)~970Hz(250ms)	UK	BS5839 Pt1
TONE 7	0Hz(1000ms)~970Hz(1000ms)	UK	BS5839 Pt1
TONE 8	0Hz(500ms)~970Hz(500ms)	UK	BS5839 Pt1
TONE 9	0Hz(150ms)~660Hz(150ms)	Sweden	
TONE 10	0Hz(625ms)~420Hz(625ms)	Sweden	AS2220
TONE 11	800Hz~970Hz	UK	BS5839 Pt1
TONE 12	800Hz~970Hz	UK,Germany	BS5839 Pt1
TONE 13	2400Hz~2850Hz	Germany	BS5839 Pt1 VdS
TONE 14	500Hz~1200Hz(3750ms Açık,250ms Off)	NZ,Aus	AS2220
TONE 15	500Hz~1200Hz(3500ms Açık,500ms Off)	Netherlands	NEN 2575
TONE 16	1200Hz~500Hz	Germany	DIN, PFEER
TONE 17	0Hz~950Hz	Australia	ISO8201 Temporal 3
TONE 18	0Hz~970Hz	Australia	ISO8201 US Temporal
TONE 19	0Hz~2850Hz	Australia	ISO8201 US Temporal
TONE 20	1200Hz~400Hz	Australia	ISO8201 Temporal 4
TONE 21	1200Hz~500Hz	Australia	AS1670 Evacuation
TONE 22	970Hz		BS5839 Pt1
TONE 23	800Hz		BS5839 Pt1
TONE 24	800Hz	Sweden	

Dimensions

