

Addressable optical/acoustic signalling for **loop3000** and accessories

Features at a glance:

- The addressable input / output elements correspond to EN 54-3, 17, 18 and 23
- Different housings and signalling options
- Integrated Isolator according to EN 54-17
- Automatic and manual addressing mode
- Flexibility with programming and connection variances in the system 3000



Technical data:

- Activation, monitoring and supply via loop3000-protocol
- Integrated automatic reset function at signal „extern signal line on/off“ by the fire control panel
- Monitoring of the operating status via loop3000
- Independent programming via autarkic loop-address
- Automatic and manual addressing on the loop3000
- Integrated Isolator
- Functions completely integrated via loop3000-protocol

Signalling devices	loop3000
Operation voltage	15 to 30 V DC loop powered
Ambient temperature	-10°C to + 60°C
Humidity	Max. 95%

For the calculation/design of the number of loop3000-signalling devices please use the latest loop calculator version.

Loopsounder red, with isolator

LS 3300 R

VdS approval G 208103

Art-Nr.: 31836



Technical data

Operation voltage	15 to 30V DC loop powered
Quiescent current	280 µA
Alarm current	5 mA
Sound level	max 97 dB
Ambient temperature	-10°C a +60 °C
Protection class	IP 54
Colour	Red
Material	ABS
Dimensions (H x Ø)	100 mm x 101 mm
Weight	340 g
Standards	EN 54-3, EN 54-17

Intelligent acoustic signalling device for the loop3000 for the external acoustic alarm with bidirectional isolator according to EN 54-3. Wall mounted housing, red colour

- Activation, monitoring and supply via loop3000-protocol
- Integrated automatic reset function at signal „external signal line on/off“ by the fire control panel
- Monitoring of the operating status via loop30
- Independent programming via autarkic loop address
- Automatic and manual addressing on the loop3000
- Integrated isolator
- 4 different tones adjustable via DIP-switch (including DIN tone)
- Integrated dual tone alarm function via separate activation possible
- Volume control via integrated potentiometer
- Functions completely integrated via loop3000-protocol
- Aesthetical robust wall mounted housing according with IP 54

General remarks:

For the calculation/design of the number of loop3000-signalling devices please use the latest loop calculator version

Loop3000 - sounder, with Isolator, white

LS 3300 W

VdS approval G 208103

Art-Nr.: 32012

Loopsounder base, with isolator

LS 3300 VLC

VdS approval G 208144

Art-Nr.: 32060



Technical data

Operation voltage	15 to 30V DC loop powered
Quiescent current	400 µA
Alarm current	6 mA
Sound level	max. 85 dB
Ambient temperature	-10 °C to +60 °C
Protection class	IP 54
Colour housing	Base sounder in white, covers in red or white
Material	ABS
Dimensions (H x Ø)	27 mm x 117 mm
Weight	250 g
Standards	EN 54-3, EN 54-17
System approval	S 295054, S 208123 and S 210001
CE-CPD-number	0786-CPD-20525

Intelligent acoustic signalling device for the loop3000 for the external acoustic alarm with bidirectional isolator according to EN 54-3. Suitable as wall mounted sounder version or as sounder base for the detector fixed to the ceiling.

- Activation, monitoring and supply via loop3000-protocol
- Integrated automatic reset function at signal „external signal line on/off“ by the fire control panel
- Monitoring of the operating status via loop3000
- Independent programming via autarkic loop address
- Automatic and manual addressing on the loop3000
- Integrated isolator
- 32 different tones adjustable via DIP-switch (including DIN tone)
- Integrated dual tone alarm function via separate activation possible
- Functions completely integrated via loop3000-protocol
- Red or white cover available
- For the VdS compliant installation the screw cap must be installed with the fuse

Accessories:

Art.-No. 32067 Cover plate for loop3000 - base sounder, red
 Art.-No. 32068 Cover plate for loop3000 - base sounder, white
 Art.-No. 32472 Cover ring for loop3000 - base sounder, white

General remarks:

When using the cover ring, there is a volume reduction

Cover ring for loop3000 - base sounder, white	AD Ring
	Art-Nr.: 32472
Cover for sounder flat red	AD R
	Art-Nr.: 32067
Cover for sounder flat white	AD W
	Art-Nr.: 32068
Loop beacon, orange, with isolator	LB 3300 VXB O
	Art-Nr.: 32090
Loop beacon, red, with isolator	LB 3300 VXB R
	Art-Nr.: 32058



Technical data

Operation voltage	15 to 30V DC loop powered
Quiescent current	400 µA
Alarm current	6 mA
Ambient temperature	-10 °C a +60 °C
Protection class	IP 43
Colour	White housing, red calotte
Material	ABS
Dimensions (H x Ø)	80 mm x 98 mm
Weight	145 g

Intelligent optical signalling device for the loop3000 for the external alarm with bidirectional isolator according to EN 54-23. Wall mounted housing, white colour, red beacon

- Activation, monitoring and supply via loop3000-protocol
- Integrated automatic reset function at signal „external signal line on/off“ by the fire control panel
- Monitoring of the operating status via loop3000
- Independent programming via autarkic loop address
- Automatic and manual addressing on the loop3000
- Integrated short circuit isolator
- Integrated 1 Hz LED-beacon
- Functions completely integrated via loop3000-protocol
- Aesthetical robust wall mounted housing according with IP 43

General remarks:

For the calculation/design of the number of loop3000-signalling devices please use the latest loop calculator

LED indicator, with isolator	PA
VdS approval G 208141	Art-Nr.: 32282



Technical data

Operation voltage	15 to 30V DC loop powered
Quiescent current	400 µA
Alarm current	6 mA
Ambient temperature	-10 °C to + 50 °C
Protection class	IP 30
Colour	White housing, red calotte
Material	ABS
Dimensions (H x W xD)	84 mm x 84 mm x 35 mm
Weight	65 g. ca
Standards	EN 54-17
System approval	S 295054 and S 208123
CE-CPD-number	0786-CPD-20535

Intelligent detector parallel indicator for the loop3000 for the external optical indication of the installation place of one or more detectors with bidirectional isolator.

White wall mounting housing, red colour

- Activation, monitoring and supply via loop3000-protocol
- Monitoring of the operating status via loop3000
- Independent programming via autarkic loop address
- Automatic and manual addressing on the loop3000
- Integrated isolator
- Functions completely integrated via loop3000-protocol
- Aesthetical robust wall mounted housing according with IP 30

General remarks:

The parallel indicator (Art.-No. 31193) can be connected directly to the integrated OC-output of the detector for a direct display of the detector status

Sound unit red, with isolator

LB3300

Art-Nr.: 32058



Technical data

Operation voltage	15 to 30V DC
Quiescent current	280 µA
Alarm current	128 mA; via extern supply: 9 to 29 mA
Sound level	max.112dB
Ambient temperature	-10 °C a +60 °C
Protection class	IP 54
Colour housing	Red
Material	ABS
Dimensions (H x Ø)	93 mm x 93 mm
Weight	340 g
Standards	EN 54-3, EN 54-17

Intelligent acoustic signalling device for the loop3000 for the external acoustic alarm with bidirectional isolator according to EN 54-3. Wall mounted housing, colour red

- Activation, monitoring and supply via loop3000-protocol
- Integrated automatic reset function at signal „external signal line on/off“ by the fire control panel
- Monitoring of the operating status via loop3000
- Independent programming via autarkic loop address
- Automatic and manual addressing on the loop3000
- Integrated Isolator and T-branch option
- 32 different tones via DIP-switch, including DIN-Tone
- Integrated dual tone alarm function via seperate activation possible
- Functions completely integrated via loop3000-protocol
- Aesthetical robust wall mounted housing according with IP 54

General remarks:

For the calculation/design of the number of loop3000-signalling devices please use the latest loop calculator