

## Loop modules

Order-No. IOM933-1



### I/O module with bidirectional isolator

- Module for connecting external devices to the Profi Loop detect 3000
  - Automatic addressing (soft addressing)
  - 1 floating input, e.g. for connecting a WGW wireless gateway
  - 1 floating output for triggering external alarm devices
  - User-defined input and output
  - Input monitored with terminators (pull-up in module)
  - Technical specification:
    - Type of connection: 2-wire bus
    - Addressing: max. 126 elements/loop (soft addressing)
    - Operating voltage: 15-30 VDC
    - Standby current: 500 µA
    - Alarm current: 5 mA
    - Floating changeover contact: 30V / 1A
    - Operating temperature: -10°C to +60°
    - Class of protection: IP54
    - LEDs: 1 red LED for closed input, 1 yellow LED for malfunction
    - Dimensions (W x H x D): 93 x 93 x 55 mm
    - Colour: grey, similar to RAL 7035
- Weight: approx. 300g  
**VdS approval 205123**

Order-No. SCI933



### Input module for conventional type detectors with bidirectional

- Module for connecting one line of conventional type detectors
  - Max. 32 automatic detectors or 10 manual call points
  - Automatic module addressing (soft addressing)
  - 1 floating output
  - Technical specification:
    - Type of connection: 2-wire bus
    - Addressing: max. 126 elements/loop (soft addressing)
    - Operating voltage: 15-30 VDC
    - Standby current: 500 µA
    - Alarm current: 5 mA
    - Floating changeover contact: 30V / 1A
    - Operating temperature: -10°C to +60°
    - Class of protection: IP54
    - LEDs: 1 red LED for alarm, 1 yellow LED for malfunction
    - Dimensions (W x H x D): 93 x 93 x 55 mm
    - Colour: grey, similar to RAL 7035
- Weight: approx. 300g  
**VdS approval 206048**

Order-No. OMS933

**Output Module for Sounder with bidirectional isolator**

- Module for connecting external devices
- Automatic addressing (soft addressing)
- 1 floating output for triggering external alarm devices
- User-defined input and output
- Input monitored with terminators (pull-up in module)
- Technical specification:
  - Type of connection: 2-wire bus
  - Addressing: max. 126 elements/loop (soft addressing)
  - Operating voltage: 15-30 VDC
  - Standby current: 500 µA
  - Alarm current: 5 mA
  - Floating changeover contact: 30V / 1A
  - Operating temperature: -10°C to +60°
  - Class of protection: IP54
  - LEDs: 1 yellow LED for malfunction
  - Dimensions (W x H x D): 93 x 93 x 55 mm
  - Colour: grey, similar to RAL 7035

Weight: approx. 300g

**VdS approval 206012**

Order-No. SDM933

**Sounder module with bidirectional isolator**

- low-current multiple tone sounder directly connected to loop
- Automatic addressing (soft addressing)
- High output level, internal volume
- Integrated bi-directional short-circuit isolator
- 26 tones selectable
- Technical specification:
  - Type of connection: 2-wire bus
  - Addressing: max. 126 elements/loop (soft addressing)
  - Operating voltage module: 15-30 VDC from loop
  - Operating voltage sounder: 6-28 VDC external
  - Current consumption module: 250 µA
  - Current consumption sounder: 9-29 mA
  - Volume: max. 111 dB
  - Operating temperature: -40°C to +80°
  - Class of protection: IP65
  - Frequency range: 500 - 2850 Hz
  - Dimensions (D x H): 93 x 75 mm
  - Colour: red, RAL 3000

Weight: approx. 300g

Order-No. LS933

**Loop Sounder with bidirectional isolator**

- low-current multiple tone sounder directly connected to loop
- Automatic addressing (soft addressing)
- Direct supply from the loop
- Internal volume
- Integrated bi-directional short-circuit isolator
- 2 tones selectable
- Technical specification:
  - Type of connection: 2-wire bus
  - Addressing: max. 10 elements/loop (soft addressing)
  - Operating voltage: 15-28 VDC from loop
  - Current consumption sounder: 5 mA
  - Volume: max. 97 dB
  - Operating temperature: -10°C to +60°
  - Class of protection: IP43
  - Frequency range: 500 - 2850 Hz
  - Dimensions (D x H): 100 x 101 mm
  - Colour: Red, RAL 3000 (White colour available)
  - Weight: approx. 340g

Order-No. LS933 VLC

**Loop Sounder Kit**

- low-current multiple tone sounder directly connected to loop, white.
- Automatic addressing (soft addressing)
- Direct supply from the loop
- multiple tone sounder with 32 different tones (DIN included) adjustable via DIP switch
- Tones frequency band from 440 Hz to 2900 Hz with synchronisation
- 3 adjustable sound pressure
- shallow base for lateral and rear entry cable
- Technical specification:
  - Frequency 440 to 2900 Hz
  - Operating voltage: 15-30 VDC loop powered
  - Current consumption sounder: 5 mA
  - Sound pressure: max. 97 dB
  - Operating temperature: -10°C to +60°
  - Class of protection: IP43
  - Dimensions (D x H): 27 x 117 mm
  - Material: ABS
  - Colour: white
  - Weight: approx. 250g

Order-No. AD R

**Sounder Cover Colour RED**

Sounder Cover Colour RED

Photograph not available

Order-No. LS933 SBK

**Loop Sounder Base Kit**

low-current multiple tone sounder directly connected to loop, integrated base for addressable detectors series SSD, white.

- Automatic addressing (soft addressing)
- Direct supply from the loop
- Detector base included for SSD series
- multiple tone sounder with 32 different tones (DIN included) adjustable via DIP switch
- Tones frequency band from 440 Hz to 2900 Hz with synchronisation
- 3 adjustable sound pressure
- shallow base for lateral and rear entry cable
- Detector not included
- Technical specification:
  - Frequency 440 to 2900 Hz
  - Operating voltage: 15-30 VDC loop powered
  - Current consumption sounder: 5 mA
  - Sound pressure: max. 97 dB
  - Operating temperature: -10°C to +60°
  - Class of protection: IP43
  - Dimensions (D x H): 45 x 117 mm
  - Material: ABS
  - Colour: white
  - Weight: approx. 250g
  - EN 54 compliant

Order-No. LB933 VXB-R

**Loop Beacon Red**

low-current beacon directly connected to loop, red plexiglass.

- low current beacon
- white housing with red light cover
- brightness at 5 mA 0.7 watt and 3 mA 0.4 watt
- Technical specification:
  - Frequency 1 Hz
  - Operating voltage: 15-30 VDC loop powered
  - Current consumption: 5 mA
  - Operating temperature: -10°C to +60°
  - Class of protection: IP43
  - Dimensions (H x Ø): 60 x 95 mm
  - Material: ABS
  - Colour: white
  - Weight: approx. 145 gr.
  - EN 54 compliant

Order-No. SDI933

**In-/Output module-mini with bidirectional isolator**

- Automatic module addressing (soft addressing)
- 1 floating input
- 1 floating output
- Technical specification:
  - Type of connection: 2-wire bus
  - Addressing: max. 126 elements/loop (soft addressing)
  - Operating voltage: 15-30 VDC
  - Standby current: 370 µA
  - Alarm current: 5 mA
  - Open collector output: 24V / 500mA
  - Operating temperature: -10°C to +60°
  - Dimensions (W x H x D): 70 x 27 x 14 mm
  - Colour: blue
  - Weight: approx. 20g

**VdS approval 206047**

Order-No. OMS933-1

**Output module-mini with bidirectional isolator**

- Automatic module addressing (soft addressing)
  - 1 floating output
  - Technical specification:
    - Type of connection: 2-wire bus
    - Addressing: max. 126 elements/loop (soft addressing)
    - Operating voltage: 15-30 VDC
    - Standby current: 370  $\mu$ A
    - Alarm current: 5 mA
    - Open collector output: 24V / 500mA
    - Operating temperature: -10°C to +60°
    - Dimensions (W x H x D): 70 x 27 x 14 mm
    - Colour: blue
    - Weight: approx. 20g
- VdS approval 206047**

Order-No. IOM933-3

**Input/Output module-mini with bidirectional isolator**

- Automatic module addressing (soft addressing)
- 1 floating input
- 1 floating output supervised
- Technical specification:
  - Type of connection: 2-wire bus
  - Addressing: max. 126 elements/loop (soft addressing)
  - Operating voltage: 15-30 VDC
  - Standby current: 370  $\mu$ A
  - Alarm current: 5 mA
  - Open collector output: 24V / 500mA
  - Operating temperature: -10°C to +60°
  - Dimensions (W x H x D): 70 x 27 x 14 mm
  - Colour: blue
  - Weight: approx. 20g

Order-No. ASM933

**Additional supervising module for IOM 933-1**

Additional module for supervising the relay output module from IOM933-1

- 1 floating output supervised
- Technical specification:
  - Type of connection: direct on IOM 9333 module
  - Operating voltage: 24 VDC
  - Standby current: 11mA
  - Dimensions (W x H x D): 55 x 20 x 38 mm