

# SLS – SingleLine SCOUT

Integrated monitoring unit

**MSA**  
The Safety Company



*The MSA SLS integrated monitoring unit combines the advantages of MSA's unique hose-in-hose technology with an easy to use personal alert safety system (PASS). It can be easily integrated into any MSA AirGo or AirMaXX SCBA with SingleLine pneumatics.*

# A new layer of safety for your MSA SCBA



SLS with Safety Key

## Ease of use – Increased safety

- Easy and fast activation simply open the cylinder – with optional integrated tightness check
- Two independent pressure measurements (analogue gauge and pressure sensor)
- Luminescent gauge with integrated multi-colour LEDs (green, yellow, red) indicating the pressure state
- Intuitive one-button control for easy operation and reduced interactions
- Integrated alarm procedures start either automatically or manually using the distress button
- Clearly identifiable visual and acoustic alarms (up to 105 dB)
- Mechanical pressure warning for increased user safety
- Additional bright buddy lights when any SLS alarm activates
- Integrated motion sensor activates full body alarm (up to 24 hours at maximum sound level)
- Optional Safety Key to manually activate motion detection or mute acoustic alarms



SLS with SingleLine and Pressure Reducer

## Ease of service – Cost of ownership

- Low cost of ownership by design
- Easy retrofit to any MSA SCBA by attaching the SLS to the existing SCBA SingleLine with integrated clip
- Testing as standard gauge (due to digital sensor no need for additional pneumatic tests and calibrations)
- Batteries with up to 8 times higher battery capacity and 38 % lower weight than standard batteries guarantee efficient stand-by management (more than 12 months)



A2 Software Incident Log

## Ease of tracking and documentation – MSA A2 Software

- Tracking of all events during operation with automatically created incident log file for review
- Wireless and secure data transfer to SLS RFID Kit connected to MSA's A2 Software
- Transferred incident logs are stored in the connected database and can be easily selected and analyzed
- Variety of user settings and optional configurations according to local regulations or user preferences (e.g. pressure warnings, thresholds for LED settings, tightness check)



**2<sup>nd</sup> Medium pressure coupling**  
For second man connection or MSA RespiHood (rescue hood)

**Mechanical whistle**  
High pressure warning signal

**Medium pressure coupling**

**Automatic gauge lighting**  
Indicates pressure state (green, yellow, red) when SLS is lifted and when passing a pressure threshold

**Luminescent gauge**  
Easily read due to 20° angled face

**Slot for optional SLS Safety Key**  
Activation of motion detection

**Distress button**  
For manual alarm

**Sound chamber**  
Different sound patterns for pressure related warnings and full alarm

**Slot for optional SLS Safety Key**  
Activation of motion detection

**Ultra bright buddy lights**  
Activated with alarm



**Wireless interface**  
For easy tracking and documentation

**Battery state indication**  
Allows battery check without turning on the device

**Electronical pressure sensor**  
Automatic activation with cylinder opening



Gauge lighting



Activated buddy lights



2<sup>nd</sup> connection

## Technical Specifications

Approvals
CE 0158 EN137 Ex ia IIC T4 Ga -30°C - +60°C IECEX: II 1G Ex ia IIC T4 Ga -30°C - +60°C
SingleLine Adjustment
SingleLine SCOUT U-Clip
Battery
Powered by 2 x AA Energizer Ultimate L91 Lithium (4 x AA Energizer Ultimate L91 Lithium included in scope of delivery)
Weight
775 g (incl. batteries)
Dimensions


## Ordering Information

SLS – SingleLine SCOUT	
Part No.	Description
10183243	SLS* with 2 medium pressure couplings
10184951	SLS* with 1 medium pressure coupling
On request	Configurations with AirGo or AirMaXX SCBA

\*incl. 4 pcs of AA batteries, excl. pressure line

Accessories	
Part No.	Description
10186697	SLS Safety Key, set of 10 pcs
10185625	Battery AA, Energizer L91 Ultimate, 4 pcs
10189001	SLS RFID Kit



RFID Kit



Safety Key

Retrofit your old MSA SCBA with new pneumatics: alpha SL SingleLine. Together with the SL pressure reducer, weight and maintenance requirements are minimised.



Scan the QR Code to experience a new layer of safety for your MSA SCBA.

Watch our SLS video on the MSA YouTube channel:  
[http://msane.ws/SLS\\_EN](http://msane.ws/SLS_EN)



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