

Dräger Sentinel® 1500 Monitoring System

Dräger Sentinel® 1500 is an automatic wireless PASS system which increases wearer safety in potentially hazardous situations. The system draws attention to colleagues in distress by generating distinctive visual and acoustic alert signals and features wireless data transmission from the pressure gauge to the PASS device.



Benefits

Enhanced safety

The rugged Dräger Sentinel 1500 personal alert safety system is designed for use by both professional and volunteer firefighters. During normal operation twin blue fascia LED's show the position of the wearer – even in conditions of poor visibility. The backlit Tx Gauge wirelessly transmits its pressure data to the PASS device and also to the Dräger FPS 7000 Head-Up-Display if being used. This feature provides automatic visual notification from the Tx Gauge and acoustic notification from the PASS when the air supply drops below user-defined limits, such as 2/3 or 1/3. If the pressure drops below 33% remaining, the PASS device emits a warning signal. The backlight of the Tx Gauge begins to flash a visual alert. Should a firefighter remain motionless for more than 20 seconds, a pre-alert sounds. If this pre-alert is not cancelled by the user, the full alert (distinctive acoustic and visual alarms) is activated, letting other members of the team know that a fellow firefighter is in distress.

Wireless operation

Following an initial pairing procedure, a single Tx Gauge is uniquely paired to a Sentinel 1500 PASS device. When the cylinder valve of the SCBA is opened, the Tx Gauge automatically sends a wakeup signal to the paired PASS device ensuring that it is activated before the firefighter enters the hazardous zone. Advanced wireless technology reduces the need for additional cables or wires, reducing potential snagging hazards.

Durable design

The Sentinel 1500 system is robust and lightweight, capable of withstanding adverse environmental conditions such as heat and smoke commonly encountered by fire rescue teams. It is IP 67 rated for dust and water resistance as well as complying with the NFPA 1981:2013 & NFPA 1982:2013. The PASS device is supplied with both a clamp and a crocodile clip so that it can be worn at either the shoulder or the waist of the wearer. Large buttons make operation easy, even with gloved hands. Dräger Sentinel 1500 has been designed with battery logistics very much in mind, to give up to 12 months of use before replacements are needed, enabling change-over during annual service resulting in minimised downtime.

Flexibility for the future

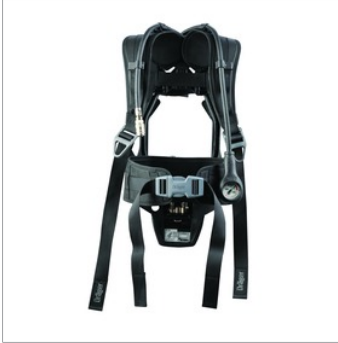
The Dräger Sentinel 1500 PASS unit can also be used as a standalone personal alert safety system without the Tx Gauge.

Datalog of incident history and personalised settings

The PASS device and the Tx Gauge both come with full data log functionality allowing downloads of incident history and the configuration of individual motion sensor timings using the Dräger RFID PC Link Module and a PC.

System Components

D-31388-2011



Dräger PSS® 3000

The Dräger PSS® 3000 is a new generation of high-performing breathing apparatus for industrial applications. Combining comfort with exceptional performance, it is designed for applications where simplicity and ease-of-use are essential. Lightweight yet robust, and easy to wear, this advanced breathing apparatus provides the ultimate breathing protection.

D-998-2015



Dräger PSS® 5000 (NFPA 2013 Edition)

To be effective at fighting fires, you need breathing protection you can trust in the harshest environments. The Dräger PSS® 5000 is an ergonomically advanced SCBA that offers increased comfort, safety and performance. With a wide range of configurable features—such as bi-lateral hose routing and quick cylinder connection—the PSS® 5000 meets your needs wherever breathing protection is required.

D-1034-2015



Dräger PSS® 7000 (NFPA 2013 Edition)

Before you can protect the lives of others, you have to protect yourself. The Dräger PSS® 7000 SCBA breathing apparatus provides unmatched comfort, durability and safety in the harshest environments. The ergonomic PSS® 7000 combines trusted pneumatics, flexible fit, and quick cylinder connection—freeing you to concentrate on the task at hand.

D-77890-2013



Dräger Compressed Air Breathing Cylinders

Designed using leading technology and advanced materials, Dräger's range of Composite Cylinders can be used in any application where breathing becomes difficult or impossible.

System Components



Dräger FPS® 7000 Head-up Display (HUD)

One of the many benefits of the FPS® 7000 Facemask is the option of fitting a head up display. Always within the field of view the head up display allows easy monitoring of the cylinder contents without any manual action by the wearer.

Services



Dräger Service

With Dräger's service solutions, you get complete peace of mind and budget security knowing that your safety equipment is supported by the same team of experts that engineered it and is backed by over 125 years of experience. You can rely on Dräger to keep the devices you depend on operating at peak performance and to always put the safety of your team first. That's the Dräger Service Advantage.

Related Products

D-77091-2013



Dräger Sentinel® 7000

The Dräger Sentinel® 7000 is an electronic monitoring unit which provides continuous monitoring of personal information and operational status of the Dräger PSS® 7000 and PSS® 5000 self contained breathing apparatus.

Technical Data

	Sentinel 1500 PASS	Tx Gauge
Weight	1.7 oz (445 g) (with batteries)	25.4 oz (720 g) (with batteries & hose)
Dimensions	6.5 x 2.9 x 1.9 in (165 x 75 x 50 mm)	6.5 x 2.9 x 2.4 in (160 x 75 x 60 mm)
Upper Frequency	2600 (+/- 100) Hz	
Alarm	>92dBA F (max hold) @ 1m	
Pre-Alarm	80 - 110dBA pk @ 3m	
Battery	CR123 Panasonic Lithium (2 off)	CR123 Panasonic Lithium (2 off)
Operating Time	6 Months 2 hours in alarm after low battery	Up to 12 months

Ordering Information

DESCRIPTION	ORDER-CODE
PSS 7000*	
PSS 7000 LP CGA Tx Gauge & Sentinel 1500 PASS	33 64 957
PSS 7000 HP CGA Tx Gauge & Sentinel 1500 PASS	33 64 961
PSS 7000 LP QC Tx Gauge & Sentinel 1500 PASS	33 64 956
PSS 7000 HP QC Tx Gauge & Sentinel 1500 PASS	33 64 960
PSS 7000 LP CGA Tx Gauge	33 62 340
PSS 7000 HP CGA Tx Gauge	33 62 339
PSS 7000 LP QC Tx Gauge	33 62 338
PSS 7000 HP QC Tx Gauge	33 62 337
PSS 5000*	
PSS 5000 HP CGA Tx Gauge & Sentinel 1500 PASS	33 64 955
PSS 5000 LP CGA Tx Gauge & Sentinel 1500 PASS	33 64 959
PSS 5000 LP QC Tx Gauge & Sentinel 1500 PASS	33 64 958
PSS 5000 HP QC Tx Gauge & Sentinel 1500 PASS	33 64 954
PSS 5000 HP CGA Tx Gauge	33 62 334
PSS 5000 LP CGA Tx Gauge	33 62 335
PSS 5000 LP QC Tx Gauge	33 62 333
PSS 5000 HP QC Tx Gauge	33 62 332

Notes

Notes

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