

DIKTRON DS4 MKII

**** ATEX APPROVED ****

The DIKTRON DS4 MKII is designed to continuously monitor the level of pressure in a compressed airline.

FREQUENCY RANGE: 2.7Khz - 3.0Khz
GREEN LED 1 FLASH EVERY 1-SEC.
RED LED LOW PRESSURE WARNING
YELLOW LED LOW BATTERY INDICATION.
BATTERY: DURACELL MN 1604 (PP3 9v Alkaline).
FULL ALARM SOUND: 90-96 dBA 2 metres.
STAINLESS STEEL.
PRESSURE RANGE: 0-160 p.s.i
THREAD SIZE: 1/4 B.S.P
SMALL AND LOW PROFILE UNIT 150*120*80mm.

DIRECTIVE: 76/117/EEC. 89/336/EEC EMC

DIRECTIVE:
2004/108/EC, EN 61000-6-2(2005), EN 6100063(2007)
STANDARD:
EN 60079-0:2006 & EN 60079-11:2007

CERTIFICATION LEVEL:
ATEX Ex II 2G EEx ia IIC T4 (-20°C to +55°C)

CERTIFICATE No: Baseefa02ATEX0258/1



EC DECLARATION OF CONFORMITY

We, Diktron Developments Ltd, declare under our sole responsibility that the following product

Product Title: DS4

Description: LOW PRESSURE ALARM

Type no.: DS4 (Baseefa02ATEX0258/1)

(a) complies with the following standards:

DIRECTIVE: 2004/108/EC, EN 61000-6-2(2005), EN 6100063(2007)

STANDARD: EN 60079-0:2006 & EN 60079-11:2007

(b) is covered by an EC type examination certificate

Certificate no.: Baseefa02ATEX0258 Issue date: 07/03/2003

Notified body: Baseefa Ltd

we certify that the product conforms with EC directives

89/336/EEC Electro Magnetic Compatibility Directive

94/9/EC Protective systems intended for use in explosive

Atmospheres.

T.A Harrington 22-12-2009
(Managing Director)

General Information. The DIKTRON DS4 MKII is designed to continuously monitor the level of pressure in a compressed airline. When connected into an airline the DS4 MKII audible and visual alarm gives a clear and positive indication as to whether the compressed air pressure is above or below a pre-determined level. The state of pressure is indicated by a green LED when it is at a safe high level. Should the pressure fall below a pre-set point, considered too low for safety, the audible alarm sounds and the indicator LED changes over to red. The alarm will remain in this danger mode until the compressed air pressure rises to a point above the danger level, when it will revert to the green 'safe' mode. The unit is switched on by means of the Key switch located on the right hand side end face. While the DS4 MKII is primarily intended for use in situations where breathing apparatus is being supplied by compressed air-line, it readily lends itself to any application where it is important to have warning of falling pressure in a compressed air system.

Pressure Range. The point at which the falling pressure will activate the alarm is set at the time of manufacture within the 0-160p.s.i. range. The standard setting is 65 p.s.i.

Fixing instructions. The DS4 is fitted to the air trolley it is supplied with fixing bracket which allows the unit to be installed or removed easily.

Maintenance. The battery must not be removed in a hazardous area, only at the maintenance workshop. The battery can be accessed by removing the battery cover plate which is held in place with four screws. The unit contains no user serviceable parts, for units repair or calibration of the pressure switch the unit must be returned to Diktron Developments Ltd.

Cleaning. wipe with a damp rag soaked in soap and water.

The WEEE logo on the product or on its box indicates that this product must not be disposed of or dumped with your other household waste. You are liable to dispose of all your electronic or electrical waste equipment by relocating over to the specified collection point for recycling of such hazardous waste. Isolated collection and proper recovery of your electronic and electrical waste equipment at the time of disposal will allow us to help conserving natural resources. Moreover, proper recycling of the electronic and electrical waste equipment will ensure safety of human health and environment. For more information about electronic and electrical waste equipment disposal, recovery, and collection points, please contact your local city center, household waste disposal service, shop from where you purchased the equipment, or manufacturer of the equipment.



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DIKTRON
LIMITED
THE SOUND OF SAFETY

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