

DIKTRON DS4 MKII



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

Email: diktron@btconnect.com
www.diktron.com

GENERAL SPECIFICATION

FREQUENCY RANGE: 2.7Khz - 3.0Khz
GREEN LED 1 FLASH EVERY 1-SEC.
RED LED LOW PRESSURE WARNING
YELLOW LED LOW BATTERY INDICATION.

BATTERY 9v Duracell MN1604 (6LR61)
Energizer 6LR61

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.



EU DECLARATION OF CONFORMITY

Diktron Developments Ltd as the manufacturer/supplier, we declare under our sole responsibility that the equipments as specified below conform to all the applicable essential requirements of the following EU Directives.

Product Title: DS4
Description: Low pressure Alarm
Type no.: DSX4 (Baseefa02ATEX0258/1)

DIRECTIVE EMC:
2014/30/EU , EN 61000-6-2(2005),61000-6-3:2007
WEEE & RoHS:
2002/96/EC & 2011/65/EU

ATEX Directive:
2014/34/EU - Equipment and protective systems intended for use in potentially explosive atmospheres.

STANDARD:
EN 60079-0:2012 & EN 60079-11:2012

The DS4 MKII is covered by an EC type examination certificate Certificate no.:Baseefa02ATEX0258/1 Issue date:07/03/2003, Notified body: Baseefa Ltd. The unit complies with all essential requirements of the above referenced specifications and directives and has been issued a CE mark.

Diktron Developments Ltd
Unit 3, Spitfire Park Ind Est, Spitfire Road,
Birmingham, B24 9PR . United Kingdom
Phone: +44 (0)121 382 4938

T.A Harrington 20-06-2016
(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.