Data Sheet

Gas detection unit
Accessory

PC tool
Software for addressing, calibration and parameterization of Basic, Premium and Heavy Duty gas detection units and gas detection controller configuration

The gas detection PC tool is a menu-driven and stand alone software used for easy Addressing, Parameter setting, Calibration and Data logging of the Basic, Premium and Heavy Duty gas detection units. Furthermore, it handles Parameter setting and Memory Read of the gas detection Controller including peripherals (Expansion module - Warning module). Power for this tool is provided from the PC via the standard USB connection.

The USB connection to the PC and the plug connection to the service tool port in the device are galvanic isolated.
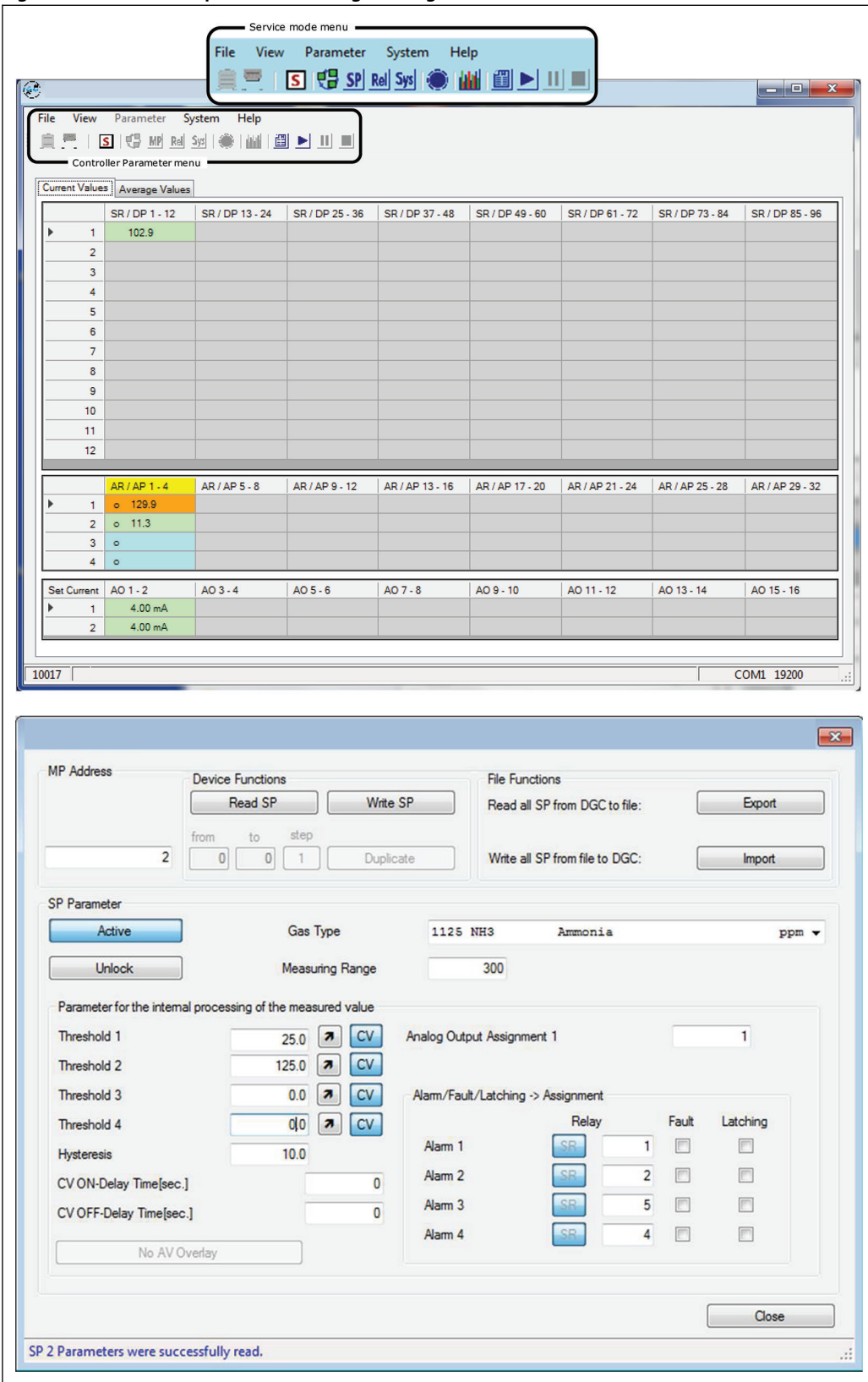
The tool is Plug and Play and installation is performed automatically.

Features:
- Addressing, Calibration and Parameterization of all Danfoss gas detection units
- Long-term recording on hard disk in .csv format
- Monitoring of all measuring values at a glance, live
- Handling and print of calibration report
- Password protected
- Runs on WINDOWS 7/8/10
- EMC directives 2014/30/EU, CE
- Conformity to:
  - EN 61010-1:2010
  - ANSI/UL 61010-1
  - CAN/CSA-C22.2 No. 61010-1

Screen menu

Figure 1: Service mode parameter setting/reading

Product specification

Electrical

Table 1: Electrical

Description	Values
Power supply	5 V DC from PC
Serial interface central bus	RS485 / 19200 Baud

Ambient conditions

Table 2: Ambient conditions

Description	Values
Temperature range	-10 °C bis +40 °C (14 °F to 104 °F)
Humidity range	0 – 90 % RH not-condensing

Physical

Table 3: Physical

Description	Values
Housing	Polycarbonate black
Dimensions	110 x 60 x 40 mm
Weight	Approx. 200 g
Protection class	IP65
Cable length	1.50 m

Ordering

Table 4: Ordering

Description	Code number
PC tool	**148H6235**

Certificates, declarations, and approvals

The list contains all certificates, declarations, and approvals for this product type. Individual code number may have some or all of these approvals, and certain local approvals may not appear on the list.

Some approvals may change over time. You can check the most current status at danfoss.com or contact your local Danfoss representative if you have any questions.

Table 5: Conformity approvals

CE	EMC Directive 2014/30/EU
	CE
	Conformity to: EN 61010-1:2010, ANSI/UL 61010-1, CAN/CSA-C22.2 No. 61010-1

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