

TYPE EXAMINATION CERTIFICATE




Equipment or Protective System Intended for use
in Potentially explosive atmospheres
Directive 94/9/EC

- [1]
- [2]
- [3] Type Examination Certificate Number: **DEMKO 03 ATEX 0312273U**
- [4] Equipment: **Prolinx Series C Communications Modules**
- [5] Manufacturer: **Prosoft Technology Inc.**
- [6] Address: **4th FL 1675 Chester Ave Bakersfield CA 93301**
- [7] This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
- [8] DEMKO certifies that this equipment has been found to comply with the Essential Health and Safety Requirements that relate to the design of Category 3 equipment, which is intended for use in potentially explosive atmospheres. These Essential Health and Safety Requirements are given in Annex II to the European Union Directive 94/9/EC of 23 March 1994.
- [9] The examination and test results are recorded in confidential report number **03NK12273**
- [10] Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule of this certificate, has been assessed by reference to Standards: **EN 50021 April 1999**
- [11] If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.
- [12] This TYPE EXAMINATION CERTIFICATE relates only to the design of the specified equipment, and not to specific items of equipment subsequently manufactured.
- [13] The marking of the equipment or protective system shall include the following:

⊕ II 3 G EEx nA IIC T4 -20° C ≤ Tamb ≤ 50° C

For and on behalf of UL International Demko A/S

Herlev, 2003-06-04


Karina Christiansen
Certification Manager

UL International Demko A/S

Lyskaer 8, P.O. Box 514
DK-2730 Herlev, Denmark
Telephone: +45 44856565
Fax: +45 44856500

Certificate: 03 ATEX 0312273X



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[13]

Schedule

[14]

TYPE EXAMINATION CERTIFICATE No. DEMKO 03 ATEX 0312273X

[15]

Description of Equipment:

Models 4101, 4102, 4104, 4105, 4106, 4107, 4127, 4201, 4202, 4204, 4205, 4206, 4207, 4210, 4301, 4302, 4303, 4304, 4305, 4306, 4307, 4310, 4502, 4506, 4507, 4601, 4602, 4604, 4605, 4606, or 4607. These devices are communications modules.

Electrical ratings as follows: 18-32 VDC, 500 mA

The following are the product catalog numbers with description. The product catalog number is followed by additional characters to describe the different software configurations.

Product ID Number	Product Description
4101	Serial Port Interfaces - Two Active Ports
4102	Serial Port Interfaces - Four Active Ports
4104	Profibus Master w/Serial Port Interface
4105	Serial Port w/Profibus Slave Adapter
4106	Honeywell DE Master w/Serial Port Interface
4107	HART Multidrop (Four channel) w/Serial Port Interface
4127	HART Multidrop (Eight channel) w/Serial Port Interface
4201	Serial Port w/Ethernet Interface
4202	Serial Ports(Four active ports) w/Ethernet Interface
4204	Profibus Master w/Ethernet Interface
4205	Profibus Slave w/Ethernet Interface
4206	Honeywell DE Master w/Ethernet Interface
4207	HART Multidrop (Four channel) w/Ethernet Interface
4210	Remote I/O Adapter w/Ethernet Interface
4301	Serial Port w/Modbus Plus Interface
4302	Serial Ports (Four active ports) w/Modbus Plus Interface
4303	Ethernet w/Modbus Plus Interface
4304	Profibus Master w/Modbus Plus Interface
4305	Profibus Slave w/Modbus Plus Interface
4306	Honeywell DE Master w/Modbus Plus Interface
4307	HART Multidrop (four channel) w/Modbus Plus Interface
4310	Remote I/O Adapter w/Modbus Plus Interface
4502	Serial Port (four channel) w/Profibus Slave Adapter
4506	Honeywell DE Master w/Profibus Slave Adapter
4507	HART Multidrop (Four channel) w/Profibus Slave Adapter
4601	Serial Port w/Remote I/O Adapter Interface
4602	Serial Ports (Four active ports) w/Remote I/O Adapter Interface
4604	Profibus Master w/Remote I/O Adapter Interface
4605	Profibus Slave w/Remote I/O Adapter Interface
4606	Honeywell DE Master w/Remote I/O Adapter Interface
4607	HART Multidrop (Four channel) w/Remote I/O Adapter Interface

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16] Descriptive Documents

[16.1]	Title	Rev.	Sheets	Date
	4006-DEM	1.2	1-5	02/01/02
	4007-HRT80	1.2	1-5	01/11/00
	4150p3.sch-1	1.0	1-8	17/11/02
	4300-MBP	1.1	1-3	14/05/02
	4500-PDP	1.1	1-3	09/10/02
	4600-RIO	-	1	03/01/00
	4700-SER	2	1-7	19/01/00
	Master Control			
	Drawing PCB	-	1	29/04/03

The manufacturer shall inform the notified body concerning all modifications to the technical documentation as described in ANNEX III to Directive 94/9/EC of the European Parliament and the Council of 23 March 1994.

[16.2] Report No.: 03NK12273

[17] Special Conditions for Safe Use

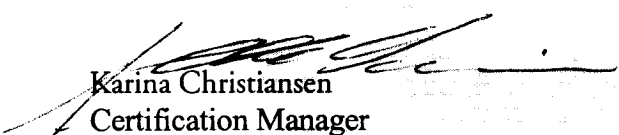
[17.1] The device shall be mounted in an end-use enclosure suitable for the location.

[18] Essential Health and Safety Requirements

Concerning EHSR that are not addressed by the standards listed in this certificate have been identified and individually assessed under manufacturer's responsibility.

On behalf of UL International Demko A/S

Herlev, 2003-06-04


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Certification Manager

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