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Schedule

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EC-TYPE EXAMINATION CERTIFICATE No. DEMKO 06 ATEX 0615699

[15]

Description of Equipment or protective system

The Smart Manometer, Models 350 ATX and M2 Series are microprocessor based pressure-sensing devices that can be used to directly measure pressure. The 350 ATX and M2 Series are electronically identical.

The M2 Series may be provided with an optional rubber boot.

These devices have been additionally evaluated to EN 60079-0:2006 and EN 60079-26:2004 and are now marked with the symbol Ex instead of EEx.

Temperature range:

The ambient temperature range is -5°C to +50°C.

Electrical Data:

The device is powered by four batteries in series and has been evaluated for use with the following:

Manufacturer	Part No.	Type
Duracell	MN1500	Alkaline
Duracell	PC1500	Alkaline
Varta	4906	Alkaline

[16]

Report No.

Project Report No.: 0615699 (Hazardous Location Testing)
0620278 (Hazardous Location Testing)

Drawings:

Number	Date	Description
9P000025, rev. A	2007-05-02	Label, Model 350 ATX
9P000074, rev. IR	2007-04-25	Label, Series M2
9P000033, rev. IR	2006-06-06	Serial number label, Model 350 ATX
9A000017, rev. A	2007-04-16	Battery compartment label, Model 350 ATX
9P000057, rev. A	2007-02-20	Battery compartment label, Series M2
9P000071, rev. A	2007-04-26	Serial number label, Series M2
9R000011, rev. IR	2006-06-06	Overlay, Model 350 ATX
9R000030, rev. IR	2006-10-23	Overlay, Series M2
9R000013, rev. A	2007-05-02	Main Assembly, Model 350 ATX
9R000029, rev. A	2007-04-16	Main Assembly, Series M2
9S000009 (5 pages), rev. IR	2006-06-06	Schematic (Main PCB)
9B000006 (3 pages), rev. C	2007-04-16	BOM (Main PCB)
9P000024PN01 (14 pages), rev. A	2007-03-06	Trace layout (Main PCB)
9A000010, rev. B	2007-04-16	PCB Assembly (Main)
9P000024, rev. B	2007-03-05	PCB Bare Board (Main)

UL International Demko A/S

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Certificate: 06 ATEX 0615699

Report: 0620278

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Schedule

EC-TYPE EXAMINATION CERTIFICATE No. DEMKO 06 ATEX 0615699

Drawings (continued):

Number	Date	Description
9S000010-IR, rev. IR	2006-06-06	Schematic (Sensor ADC)
9B000009, rev. A	2007-03-05	BOM (Sensor ADC)
9P000022PN01 (16 pages), rev. A	2007-03-06	Trace layout (Sensor ADC)
9A000008, rev. A	2007-03-05	PCB Assembly (Sensor ADC)
9P000022, rev. B	2007-03-05	PCB Bare Board (Sensor ADC)
9S000011-IR, rev. IR	2006-06-06	Schematic (Paddle-A)
9B000010, rev. A	2007-03-05	BOM (Paddle-A)
9P000023PN01 (11 pages), rev. A	2007-03-12	Trace layout (Paddle-A)
9A000009, rev. A	2007-03-05	PCB Assembly (Paddle-A)
9P000023, rev. B	2007-03-05	PCB Bare Board (Paddle-A)
9S000012-IR, rev. IR	2006-06-06	Schematic (LCD)
9B000011, rev. IR	2006-06-06	BOM (LCD)
9A000011, rev. IR	2006-06-06	LCD Assembly
9R000045, rev. A	2007-04	Instruction Manual, Series M2
9R000056, rev. IR	2007-04-25	Intrinsic Safety Control Document, Series M2

- [17] Special conditions for safe use:
The devices are marked: "Warning: Do not remove batteries in a potentially explosive atmosphere".
- The devices are for use with the following batteries: Duracell Part Numbers MN1500 and PC1500 and Varta Part Number 4906.

- [18] Essential Health and Safety Requirements
Concerning ESR this Schedule verifies compliance with the Ex standards only. The manufacturer's Declaration of Conformity declares compliance with other relevant Directives.

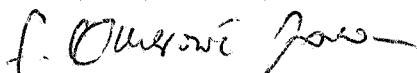
Additional information

The Models 350 ATX and M2 Series has in addition passed the tests for Ingress Protection to IP40 in accordance with EN60529: 1991 incl. A1.

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.

On behalf of UL International Demko A/S

Herlev, 2007-05-15



Jan-Erik Storgaard
Certification Manager

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