

(1) **TYPE EXAMINATION CERTIFICATE**

(2) Equipment intended for use in potentially explosive atmospheres – Directive 94/9/EC

(3) Type Examination Certificate Number: **KEMA 03ATEX1509**

(4) Equipment: **MTL 661 and MTL 662 Loop Powered Indicator**

(5) Manufacturer: **Measurement Technology Limited**

(6) Address: **Power Court, Luton, Bedfordshire, LU1 3JJ, England**

(7) This equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) KEMA Quality B.V. certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential report no. 2029513.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 50021 : 1999

EN 50281-1-1 : 1998

(10) 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.

(11) This Type Examination Certificate relates only to the design, examination and tests of the specified equipment and not to the manufacturing process and supply of the equipment.

(12) The marking of the equipment shall include the following:

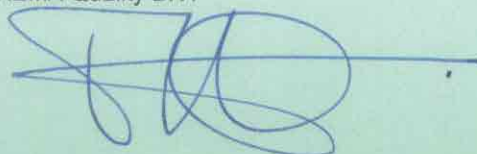


II 3 GD

EEx nA II T4

T 80 °C

Arnhem, 30 December 2003
KEMA Quality B.V.



T. Pijpker
Certification Manager

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(13)

SCHEDULE

(14)

to Type Examination Certificate KEMA 03ATEX1509

(15) **Description**

The Loop Powered Indicators MTL 661 and MTL 662, for field and panel mounting respectively, are connected in series in a 4 - 20 mA current loop.

The enclosure of the indicator provides a degree of ingress protection of at least IP 67 in accordance with EN 60529.

Ambient temperature range -20 °C ... +70 °C.

The maximum temperature of the enclosure T 80 °C is referred to an ambient temperature of 70 °C.

Electrical data

Input circuit I = 4 ... 20 mA
(terminals 4 and 5)

Installation instruction

To ensure the required degree of ingress protection, the Indicator must be installed using cable entry devices and blanking elements that are suitable for the application and correctly installed.

(16) **Report**

KEMA No. 2029513.

(17) **Special conditions for safe use**

None

(18) **Essential Health and Safety Requirements**

Covered by the standard listed at (9).

(19) **Test documentation**

1. EC-Type Examination Certificate KEMA 03ATEX1194 X

dated

2. Description CR661662, version 2.3 (6 pages)

26.11.2003