



Type Approval Certificate

Germanischer Lloyd

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. 44 519 - 07 HH

Company ELEKTRONIK-SYSTEME LAUER GmbH & Co. KG
Kelterstraße 59
72669 Unterensingen, GERMANY

Product Description Panel PC with touch screen 15" to 21"

Type MT (Monitors)
EPC-PM (Panel-PCs)

Environmental Category C, EMC1

Technical Data /
Range of Application Monitors (front IP65, back IP20):
MT215 nautic Monitor 24V DC and 230V AC type;
MT217 nautic Monitor 24V DC and 230V AC type;
MT219 nautic Monitor 24V DC and 230V AC type;
MT221 nautic Monitor 24V DC and 230V AC type.

PC-unit: EPC-PM Box nautic, EPC-PM Box -230 nautic.
Intel Celeron M 1.3/M1.8 GHz, 512MB Level 2 Cache, Chipset: Intel 82855GME,
BIOS: Award 2MBit flash, HDD, PCI; Degree of protection: IP20 all sides.

Panel PCs (PC-unit with attached TFT monitor, front IP65, back IP20):
EPC-PM 1500tc nautic, EPC-PM 1500tc -230 nautic;
EPC-PM 1700tc nautic, EPC-PM 1700tc -230 nautic;
EPC-PM 1900tc nautic, EPC-PM 1900tc -230 nautic;
EPC-PM 2100tc nautic, EPC-PM 2100tc -230 nautic;
Environmental Category C is valid for the back side.

Test Standard Guidelines for the Performance of Type Approvals Part 2, Edition 2003.

Documents MTN 04991.046.05, MTN 04991.047.05; MTN 04991.048-1.05; RMS 03-04/2005; MTN
05198.064.06; RMS 01-05/2006; MTN 05153.020.06; RMS 05-01/2006; MTN
05334.209.06; RMS 03-02/2007.
Data sheets, product descriptions.

Remarks None.

Valid until 2010-05-16

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File No. I.B.05

Hamburg, 2007-04-10

Type Approval Symbol



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Jürgen Wittburg

Jens Dietrich

This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".