

# TYPE APPROVAL CERTIFICATE

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

Certificate No.	<b>11 317 - 14 HH</b>
Company	<b>Littelfuse Selco A/S</b> <b>Betonvej 10</b> <b>4000 Roskilde, DENMARK</b>
Product Description	<b>Electronic Potentiometer</b>
Type	<b>T7900</b>
Environmental Category	<b>C, EMC2</b>
Technical Data / Range of Application	<b>Electronic Potentiometer with isolated voltage, current or PWM output:</b> <b>Power Supply: 8-36V AC/DC</b> <b>Max. power consumption: 120mA@24VDC</b> <b>Output Ranges: -10V...+10V, 0...20mA, 0%...100% PWM 500Hz, 0...100% PWM 2.94MHz (any part of the ranges may be programmed).</b> <b>PWM output signal: 500Hz or 2.94MHz, Level 0...10V. Default ref.: 50%.</b> <b>Increase/decrease ramp times: 0.25s/V...2.5s/V or 2.5s/V...25s/V</b> <b>0.25s/mA...2.5s/mA or 2.5s/mA...25s/A.</b> <b>Serial Link: RS232/RJ11</b> <b>Degree of protection: IP 40</b> <b>Software version: 2.11.</b>
Test Standard	<b>Guidelines for the Performance of Type Approvals, Chapter 2- Test Requirements for Electrical / Electronic Equipment and Systems (VI-7-2), Edition 2012</b>
Documents	<b>Test report : DELTA DANAK-1911045, 2010-09-10; DELTA DANAK-1913483, 2013-11-08. Data sheet T7900: T7995-7 2E. Functional test based on test sequence.</b>
Remarks	<b>This certificate is issued on the basis of GL Guidelines for the Performance of Type Approvals, Chapter 1 - Procedure (VI-7-1), Edition 2007.</b>

Valid until **2019-07-14**

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File No. **I.B.02**

**Hamburg, 2014-09-25**

Type Approval Symbol



**DNV GL**

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