

Certificate of Compliance

Certificate: 1810432

Master Contract: 212978

Project: 1810432

Date Issued: October 24, 2006

Issued to: **Pepperl+Fuchs GmbH**
Koenigsberger Allee 87
Mannheim, 68307
Germany

Attention: **H. Hofmeister**

*The products listed below are eligible to bear the CSA Mark shown
with adjacent indicators 'C' and 'US'*



Issued by: K. Atkins

Authorized by: Patricia Pasemko
Operations Manager

A handwritten signature in black ink, appearing to read 'Patricia Pasemko', is written over the printed name. To the right of the signature, the word 'for' is written in a cursive script.

PRODUCTS

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations
CLASS 2258 82 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations - CERTIFIED TO U.S. STANDARDS

Class II, Division 1 and 2, Groups E, F, and G
Class III, Division 1.

Level Limit Switch, models LVL-B1 and LVL-B2 with electronic insert FEM22 rated 10-45 V dc, 350 mA max, PNP transistor output and electronic insert FEM24 rated 19-253V ac, 50/60 Hz or 10-55 V dc, 1.3 VA max, 2 floating outputs max. 6A.

Maximum surface temperature under worst case failure condition: $T_A = T + 35K$ where T represents the ambient temperature of the electronic (-40°C...+70°C) or the process temperature of the sensor (-40°C...+130°C)

Note:

Installation shall be in accordance to the Canadian Electrical Code Part 1, C22.1.

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APPLICABLE REQUIREMENTS

- CAN/CSA C22.2 No. 61010-1-04 - Safety Requirements for Electrical Equipment for Measurement, Control and laboratory Use, Part 1: General Requirements
- CAN/CSA-E61241-1-1: 02 - Electrical apparatus for Use in Presence of Combustible Dust – Part 1-1: Electrical Apparatus Protected by Enclosures and Surface Temperature Limitation.
- ISA-82.02.01:04 - Safety Requirements for electrical Equipment for Measurement, Control and Laboratory Use, Part 1: General Requirements
- FMR Class 3600, Nov. 1998: - Electrical Equipment for use in Hazardous (Classified) Locations, General Requirements.
- IEC 60529: 1989 -Degrees of protection provided by enclosures (IP Code)

MARKINGS

The following markings appear on the product:

- Company's identification (Company name);
- Factory identified; Made in Germany 79689 Maulburg;
- Model designation; LVL-B1, LVL-B2;
- Electrical rating;
- Serial Number or Date of Manufacture;
- The cCSAus Monogram;
- Hazardous area: Class II, Division 1 and 2, Groups E,F and G;
- Maximum Surface Temperatures: $T_A = T + 35K$;
- Ingress Protection: IP68;
- Grounding conductor identification, provided with identification adjacent to the T.B.;
- Warning: "Do not open in presence of explosive dust atmospheres";
- Caution: Use conductors rated at least 105C

Markings are printed on adhesive label, tested and accepted in CSA Descriptive and Test Report 1593317.