Certificate of Compliance

Certificate: 70052580 **Master Contract:** 239294

Project: 70052580 **Date Issued:** May 23, 2016

Issued to: **Epro GmbH**
Jöbkesweg 3
Gronau, D-48599
GERMANY

Attention: **Peter Tasche**

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.

C US

Issued by: Gordon Neuroth

PRODUCTS

CLASS - C225802 - PROCESS CONTROL EQUIPMENT-For Hazardous Locations-
CLASS - C225882 - PROCESS CONTROL EQUIPMENT-For Hazardous Locations - Certified to US Standards

Ex nA nC IIC T4 Gc
AEx nA nC IIC T4 Gc

Modular rack based system CSI 6500 ATG, composed of one System Rack Bachplane (rated 24 Vdc, 4 A, 100 W for the power supply, 24 Vdc, 4 A, 150 W for the redundant power supply and 32 Vdc or 48 Vac, 2 A, for the relay contacts, for complete electrical ratings see Report No. 70052580), one Relay Card, one or two (redundant communication) Com Cards and up to 11 Universal Measuring Cards and/or Temperature Process Cards.

- System Rack Backplane A6500-SR
- Universal Measuring Card A6500-UM
- Temperature Process Card A6500-TP
- Com Card A6500-CC
- Relay Card A6500-RC

Note: The system rack and the modules are components according to clause 13 of CAN/CSA-C22.2 No. 60079-0:15 and UL 60079-0:13. These components shall be completely enclosed in a suitable enclosure,

according to the Special Conditions of Safe Use and the final combination shall be subjected to acceptance of the local authority having jurisdiction.

SPECIAL CONDITION OF SAFE USE:

1. The modular rack based system CSI 6500 ATG shall be installed completely inside an additional enclosure, providing a degree of protection of not less than IP54 according to CSA/UL 60079-0 and CSA/UL 60079-15. The ambient temperature within the end use enclosure shall not exceed 55 ºC.
2. The USB port, the SMB connectors and the slideswitches shall be used in a safe area, known to be non-hazardous, only.
3. The end user shall ensure appropriate earthing upon installation.
4. Final acceptance of this equipment when installed is subject to the jurisdiction of the local inspection authority.

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No. 0-10	General Requirements – Canadian Electrical Code, Part II
CAN/CSA C22.2 No. 61010-1-12	Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 1: General Requirements - Third Edition
CAN/CSA-C22.2 No. 60079-0:15	Explosive Atmospheres - Part 0: Equipment – General requirements
CAN/CSA-C22.2 No. 60079-15:12	Electrical apparatus for explosive gas atmospheres - Part 15: Construction, test and marking of type of protection “n” electrical apparatus
UL 61010-1:12	Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 1: General Requirements - Third Edition
UL 60079-0:13	Explosive Atmospheres - Part 0: Equipment – General requirements
UL 60079-15:13	Explosive Atmospheres - Part 15: Equipment protection by type of Protection “n”.

MARKINGS

- CSA Monogram with C-US indicator.
- Submittor Identification
- Model Designation
- Serial Number, Date Code or Month and Year of Manufacture
- Electrical Ratings or reference to the manufacturer’s manual
- Hazardous Location Designation
- CSA Certificate number: “CSA 16.70052580”
- The term ‘Class I, Zone 2’ adjacent to the Ex/AEx nA IIC T4 Gc marking and System Rack Backplane A6500-SR, Universal Measuring Card A6500-UM, Temperature Process Card A6500-TP and Com Card A6500-CC
- The term ‘Class I, Zone 2’ adjacent to the Ex/AEx nA nC IIC T4 Gc marking and Relay Card A6500-RC and the complete modular rack based system CSI 6500 ATG
- Class I, Division 2, Groups A, B, C, D T4 for all of the equipment listed above.

- Warnings as shown below in English and French.

Ø WARNING: EXPLOSION HAZARD - DO NOT CONNECT OR DISCONNECT WHILE CIRCUITS ARE LIVE UNLESS AREA IS KNOWN TO BE NON-HAZARDOUS;

Ø WARNING: DO NOT USE USB PORT, SMB CONNECTORS OR SLIDESWITCHES UNLESS THE AREA IS KNOWN TO BE NON-HAZARDOUS;