





**Certificate:** 80223780

**Master Contract:** 166720

**Project:** 80223780

**Date Issued:** 2025-05-20

Notes:

1. The above model is to be supplied by a separately certified limited energy power supply (See CoA), fixed installation and permanently connected, Pollution Degree 4, Type 4 Enclosure.
2. Mode of operation: Continuous.
3. Environmental Conditions: (Extended) Ambient temperature range: -40°C to + 105°C, Process temperature range: -40°C to +200°C, Indoor and Outdoor Use, Relative Humidity: 100% condensation allowed, Altitude: Max. 2000m.

Description of model differences:

The stars (\*) on the model designation give information about the certification marking and do not change the design of the equipment.

FLRU-SF\*\*

- First \*: Certification marking. (The stars can be replaced by any letter from A to Z)
- Second \*: Certification marking. (The stars can be replaced by any letter from A to Z)

Description of special features:

Process temperature range:

-40°C ... +120°C [-40°C ... +248 °F]

-40°C ... +200°C [-40°C ... +392 °F] (high temperature version)

Maximum operating pressure:

80bar [1.160 psi]

The tube length may vary from 0.1m to 20m.

**APPLICABLE REQUIREMENTS**

CSA C22.2 No. 61010-1-12,UPD1:2015, UPD2:2016, AMD1:2018, UPD3:2023 - Safety requirements for electrical equipment for measurement, control, and laboratory use — Part 1: General requirements - Third Edition; Update No. 1: July 2015; Update No. 2: April 2016; Update No. 3: June 2023

UL 61010-1 3rd ed (Rev. Jun 6, 2023) - UL Standard for Safety Electrical Equipment For Measurement, Control, and Laboratory Use; Part 1: General Requirements

CSA C22.2 No. 94.2:20 - Third Edition - Enclosures for electrical equipment, environmental considerations

UL 50E (Third Edition) - UL Standard for Safety Enclosures for Electrical Equipment, Environmental Considerations

**Conditions Of Acceptability**

1. The device shall only be powered by a certified power supply providing double or reinforced insulation with output not exceeding the limits of CSA/UL/EN/IEC 61010-1:2010 chapter 6.3.1/6.3.2 and 9.4 or class 2 according to CSA 223/UL 1310.

**Markings**

See Report.



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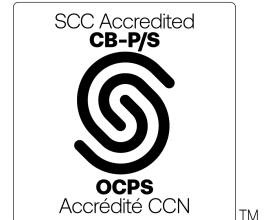
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Notes:

Products certified under Class(es) C225206, C225286 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). [www.scc.ca](http://www.scc.ca)





## *Supplement to Certificate of Compliance*

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*The products listed, including the latest revision described below,  
are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
80223780	2025-05-20	Original cCSAus certification of Reed Level Transmitter model FLRU-SF** based on CB report CB 166720-80223781, including evaluation of enclosure estimated for Type 4 according to CSA C22.2 No. 94.2 and UL 50E.