



Certificate of Compliance

Certificate: 70133438

Master Contract: 221913

Project: 70133438

Date Issued: June 14, 2017

Issued to: Pepperl+Fuchs GmbH
Lilienthalstrasse 200
Mannheim, 68307
GERMANY
Attention: Martin Holdefer

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



Issued by: Lyn Murray
Lyn Murray

PRODUCTS

Class 2258 04 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe Entity - For Hazardous Locations
Class 2258 84 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe Entity - For Hazardous Locations -
Certified to US Standards

Class I, Division 1, Groups A, B, C and D
Ex ia IIC
Class I Zone 0, AEx ia IIC

Level Probe, Type LGC2-*****C1-... (with suffixes), input rated 30VDC, 4-20mA maximum;
Ambient Temperature Range -10°C to 70°C; intrinsically safe with entity parameters U_i or $U_{max} = 30VDC$, L_i
(sensor+cable) = 1 $\mu H/m$, C_i (sensor+cable) = 10,3 nF + 180 pF/m when connected per installation drawing
DOCT-5521A, Temperature Code T6/T5/T4 at maximum ambient temperature of 40°C/55°C/70°C.

Class 2252 05 - PROCESS CONTROL EQUIPMENT
Class 2252 85 - PROCESS CONTROL EQUIPMENT - Certified to U.S. Standards

Level Probe, Type LGC2-*****CG-... (with suffixes), rated 10,5...35 VDC, 4..20 mA, 0,805 W



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APPLICABLE REQUIREMENTS

CSA C22.2 No. 0-2010	- 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
CSA C22.2 No. 157-92 (R2006)	- Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations
CAN/CSA C22.2 No. 60079-0:15	- Electrical Apparatus for Explosive Gas Atmospheres - Part 0: General Requirements
CAN/CSA C22.2 No. 60079-11:14	- Electrical Apparatus for Explosive Gas Atmospheres - Part 11: Intrinsic Safety "i"
CAN/CSA C22.2 No. 60529-04	- Degrees of protection provided by enclosures (IP Code)
ANSI/ISA-61010-1 (82.02.01)	- Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1 General Requirements
ANSI/ISA 60079-0 (12.00.01): 2013	- Electrical Apparatus for Use in Class I, Zone 0, 1 & 2 Hazardous (Classified) Locations: General requirements
ANSI/ISA 60079-11 (12.02.01): 2014	- Electrical Apparatus for Use in Class I, Zone 0, 1 & 2 Hazardous (Classified) Locations - Intrinsic Safety "i"
FM 3600:2011	- Approval Standard for Electrical Equipment for use in Hazardous (Classified) Locations General Requirements
FM 3610:2012	- Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, III, Division 1, Hazardous (Classified) Locations
ANSI/IEC 60529-2004	- Degrees of protection provided by enclosures (IP Code)

MARKINGS

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The products listed are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and U.S. Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.



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Company's identification (company name and/or CSA Master Contract Number, 221913), adjacent to the CSA Mark.

Nameplate adhesive label material approval information:

Markings are laser printed, edged, embossed or engraved on sensor housing and stainless steel plate as shown on drawing 960018891 and 960018893.

Installation drawing

The installation drawing DOCT-5521A is supplied with each product of type LGC2-*****C1-...

Note - Jurisdictions in Canada may require these markings to also be provided in French language. It is the responsibility of the manufacturer to provide bilingual marking, where applicable, in accordance with the requirements of the Provincial Regulatory Authorities. It is the responsibility of the manufacturer to determine this requirement and have bilingual wording added to the "Markings".