

Certificate of Compliance

Certificate: 1765755

Master Contract: 212978

Project: 1765755

Date Issued: April 4, 2006


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

Attention: Mr. Harald Hofmeister

The products listed below are eligible to bear the CSA Mark shown



Issued by: K. Atkins


Authorized by: Patricia Pasemko
Operations Manager

PRODUCTS

CLASS 2258 04 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe Entity - For Hazardous Locations

Ex ia IIC: Class I, Zone 0:

Class I, Division 1, Groups A, B, C and D; Class II, Division 1, Groups E, F and G; Class III; Type 4X/6P Enclosure:

LUC-M10-*****-***-C*, LUC-M20-*****-***-C* (2-Wire Intrinsically Safe 1-1/2" & 2" Versions) or LUC-M40-*****-***-C* (2-Wire Intrinsically Safe 3" Versions) Ultrasonic Level Transmitters rated 9 ... 32 Vdc, 0.8 W (2W-PA/FF-F12 Enclosure or T12 Enclosure with overvoltage protection), 4 ... 20 mA, 30 Vdc (2W-HART). Intrinsically Safe with Temperature Codes and Maximum Ambient Temperatures with Entity Parameters per Control Drawing 16-519CS-12.

Certificate: 1765755

Master Contract: 212978

CLASS 2258 03 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems - For Hazardous Locations

Ex d [ia] IIC: Class I, Zone 1/0:

Class I, Division 1, Groups A, B, C and D; Class II, Division 1, Groups E, F and G; Class III; Type 4X/6P Enclosure:

LUC-M10-*****-***-C*, LUC-M20-*****-***-C* (Explosion Proof 1-1/2" & 2" Versions) or LUC-M40-*****-*****-C* (Explosion-Proof 3" Versions) Ultrasonic Level Transmitters rated 14 ... 32 Vdc, 0.8 W (2W-PA/FF-T12 Enclosure), 4 ... 20 mA, 32 Vdc (2W-HART). Explosion Proof with Intrinsically Safe electronics and sensors. Temperature Codes and Maximum Ambient Temperatures per Control Drawing 16-519CS-12.

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

Ex nC IIC: Class I, Zone 2:

Class I, Division 2, Groups A, B, C and D; Class II, Division 1, Groups E, F and G; Class III; Type 4X/6P Enclosure:

LUC-M10-*****-***-C*, LUC-M20-*****-***-C* (2-Wire Intrinsically Safe 1-1/2" & 2" Versions) or LUC-M40-*****-*****-C* (2-Wire Intrinsically Safe 3" Versions) Ultrasonic Level Transmitters rated 9 ... 32 Vdc, 0.8 W (2W-PA/FF-F12 Enclosure or T12 Enclosure with overvoltage protection), 4 ... 20 mA, 30 Vdc (2W-HART). Temperature Codes and Maximum Ambient Temperatures Control Drawing 16-519CS-12.

LUC-M10-*****-***-C*, LUC-M20-*****-***-C* (Explosion Proof 1-1/2" & 2" Versions) or LUC-M40-*****-*****-C* (Explosion-Proof 3" Versions) Ultrasonic Level Transmitters rated 16 ... 32 Vdc, 0.8 W (2W-PA/FF-T12 Enclosure), 4 ... 20 mA, 32 Vdc (2W-HART). Temperature Codes and Maximum Ambient Temperatures per Control Drawing 16-519CS-12.

LUC-M30-*****-***-C*(Dust Ignition Proof 4" Version) Ultrasonic Level Transmitters rated 90 ... 250 Vac, 50/60 Hz, 4 VA or 10.5 ... 32 Vdc, 1 W (4W-HART) or rated 9 ... 32 Vdc, 0.8 W (2W-PA/FF-F12 Enclosure). Temperature Code T5 at max. Ambient Temperature 60 °C. Temperature Code T4A (at max. Ambient 80°C).

CLASS 2252 01 - PROCESS CONTROL EQUIPMENT

Type 4X/6P Enclosure:

LUC-M10-*****-***-C*, LUC-M20-*****-***-C* and LUC-M30-*****-***-C* (General Purpose 1-1/2", 2" & 4" Versions) or LUC-M40-*****-*****-C* (General Purpose 3" Versions) Ultrasonic Level Transmitters rated 90 ... 250 Vac, 50/60 Hz, 4 VA or 10.5 ... 32 Vdc, 1 W (4W-HART), 9 ... 32 Vdc, 0.8 W (2W-PA/FF-F12 Enclosure or T12 Enclosure with overvoltage protection), 14 ... 36 Vdc, 0.8 W (2W-PA/FF-T12 Enclosure), 4 ... 20 mA, 36 Vdc (2W-HART).



Certificate: 1765755

Master Contract: 212978

APPLICABLE REQUIREMENTS

- CSA Std C22.2 No. 25-1966 - Enclosures for Use in Class II, Groups E, F and G Hazardous Locations
- CSA Std C22.2 No. 30-M1986 - Explosion-Proof Enclosures for Use in Class I Hazardous Locations
- CAN/CSA-C22.2 No. 94-M91 - Special Purpose Enclosures
- CSA Std C22.2 No. 142-M1987 - Process Control Equipment
- CSA Std C22.2 No. 213-M1987 - Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations
- CAN/CSA-E60079-0:02 - Electrical Apparatus for Explosive Gas Atmospheres - Part 0: General Requirements
- CAN/CSA-E60079-1:02 - Electrical Apparatus for Explosive Gas Atmospheres - Part 1: Flameproof Enclosures "d"
- CAN/CSA-E60079-11:02 - Electrical Apparatus for Explosive Gas Atmospheres - Part 11: Intrinsic Safety "i"
- CAN/CSA-E60079-15:02 - Electrical Apparatus for Explosive Gas Atmospheres - Part 15: Type of Protection "n"

MARKINGS

The CSA Mark, the company name, and/or tradename/or identification/or Master Contract number 212978, model designation, and any 'Cautions' or other information as specified in the Certification Report.



CSA INTERNATIONAL

Supplement to Certificate of Compliance

Certificate: 1765755

Master Contract: 212978

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

Product Certification History

Project	Date	Description	Model No	Listee Model No
1765755	April 4, 2006	Original Report No 151079-1644892	FMU40	LUC-M10
			FMU41	LUC-M20
			FMU42	LUC-M40
			FMU43	LUC-M30