

Certificate of Compliance

Certificate: 1786330

Master Contract: 150786

Project: 2472069

Date Issued: November 4, 2011

Issued to: Danfoss A/S

Nordborgvej 81
Office E14 s4a
Nordborg, 6430
Denmark
Attention: Gert Linderod

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



Jelena Dzeletovic

Issued by: Jelena Dzeletovic

PRODUCTS

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

Class I, Div. 2, Groups A, B, C and D:

Pressure transmitters, rated up to 34Vdc with output signal of 4 to 20mA or various voltage ranges between 0 and 10 Volts, Series AKS – 32, -32R, -33, -2050, -3000, -3050, 4050, 8000 or 8050 and Series MBS – 32, -32R, -33, -33M, -2050, 2100, 2150, 2200, 2250, -3000, 3010, 3050, 3100, 3150, 3200, 3250, 3300, 3350, 4010, 4050, 4500, 4510, 4550, 5050, 5100, 5150, 8000, 8050, 8100, 8150, 8200, 8250, 8300 and 8350; operating ambient 85°C or 100°C or 125°C, temperature code T4 or T3B, MWP 525 Bars (7600 psi) or 600 Bar (8700 psi);

Pressure transmitters, rated up to 30Vdc with output signal of 4 to 20 mA or various voltage ranges between 0 and 10 Volts, Models AKS– 4050 and MBS-4050, maximum operating ambient 85°C, temperature code T4, MWP 600 Bar (8700 psi);

Notes:

1. For installation these pressure transmitters must be installed within a suitable enclosure that meets the field wiring methods of the CEC and acceptable to the local inspection authority.
2. Operating ambient of ;

i/ 85°C for all of AKS series and MBS 32, 32R, 33, 33M, 2050, 3000, 3010, 3050, 3100, 3150, 4010, 4050, 4510, 4500, 4550, 5050, 5100, 5150, 8000, 8050, 8100, 8150. Temperature Code T4



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ii/ 100°C for MBS 8200, 8250, 8300, 8350 (For versions with current output 4 – 20mA). Temperature Code T4.

iii/ 125°C for MBS 8200, 8250, 8300, 8350 (For versions with voltage output). Temperature Code T4.

iv/ 125°C for MBS 2100, 2150, 2200, 2250, 3200, 3250, 3300, 3350. Temperature Code T3B.

3. All transmitters must be powered from a Class 2 power supply except for pressure transmitter models MBS2100, MBS2150, MBS8200 and MBS8250 which can also be powered from CSA certified (236159-1965693) Cummins engine control module model SSM558.

APPLICABLE REQUIREMENTS

CSA Std C22.2 No. 0-M91 (R2001) - General Requirements - Canadian Electrical Code, Part II

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

MARKINGS

Markings as indicated below appear on adhesive label ;

- Submittor's name
- CSA monogram
- Model number
- Electrical rating
- Serial Number
- Hazardous location designation
- Maximum operating ambient
- Temperature code
- Maximum working pressure