



420-0004-346		Sht. of	1 2	APP'D BY	SGA
ISSUE	EDO NO.	APP'D		DATE	
1	12-06-108	SGA		12/20/06	
2	7-07-101	SGA		7/18/07	

Certificate of Compliance

Certificate: 1860087

Master Contract: 227551

Project: 1893876

Date Issued: April 23, 2007

Issued to: AMETEK Drexelbrook
205 Keith Valley Rd
Horsham, PA 19044
USA

Attention: Mr. Steve Arnold

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



Issued by:

Kelly Yaremko
Kelly Yaremko

Authorized by:

Gabriel Lipp
Gabriel Lipp
Product Group Manager

PRODUCTS

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations
Class I, Groups A, B, C and D; Class II, Groups E, F and G; Class III; T4:

DM231 and DM330 Series Magnetostrictive Level System with a maximum probe length of 24 feet, rated for a supply input of 3.7Vdc to 30Vdc with a maximum current of 280mA. Ambient temperature range: -40°C to 125°C; Enclosure: Type 4X/ IP66.

- **DM33abcdeF1Yg Magnetostrictive Level System**
XP/1/1/ABCD/T4 Ta =-40C to +125C; DIP/II, III/EFG/T4 Ta =-40C to +125C
Type 4X/IP66
a =Output: 0 or 1.
b =Style/ Material: X.
c =Style/ Connector: D or S.
d =Thread type: E.
e =Overall length: any three figure number (000 to 999).
f =Float type: three characters

Certificate: 1860087

Project: 1860087



Master Contract: 227551

Date Issued: December 6, 2006

- **DM231abcdeFfghHEXh Magnetostrictive Level System**
 XP/II/ABCD/T4 Ta =-40C TO +125C; DIP/II, III/EFG/T4 Ta =-40C TO +125C
 Type 4X/IP66
 a =Style/Material: X
 b =Style/Connector: D or S.
 c =Thread type: E.
 d =Span: any three figure numbers (000 to 999).
 e =Temperature Points: R1, R5, or T1.
 f =Number of floats: 1 or 2.
 g =Length: any three figure number (000 to 999).
 h =Accessories: five figure number (00000 to 33111).

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-C22.2 No. 0-M91 | - | General Requirements- Canadian Electrical Code, Part II |
| CSA-C22.2 No. 0.4-04 | - | Bonding and Grounding of Electrical Equipment |
| CSA-C22.2 No. 0.5-1982 | - | Threaded Conduit Entries |
| CSA-C22.2 No. 60529 - 2005 | - | Degrees of protection provided by enclosures (IP Code) |

MARKINGS

Label drawings NP0213200 and NP0213300 include the following markings:

- Company's Name or Master Contract
- Catalog Number
- Date Code or Serial Number
- Electrical Rating
- Enclosure Type 4X/IP66
- Hazardous Location Designation
- CSA Monogram
- Ambient Temperature Range
- Warning re "Conduit Seal at Enclosure Entrance"
- Caution re "To Prevent Ignition of Hazardous Atmospheres, Do Not Remove Cover While Circuits are Live"
- Caution " Use Supply Wires Suitable for 10°C Above Surrounding Ambient"