FM Approvals
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CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

A3DYH-ab-cd. Current Loop Supply (Galvanic Isolator)
AIS / I,II,III / 1 / ABCDEFG - 20063-33-N6; Entity
I / 0 / [AEx ia] / IIC - 20063-33-N6; Entity
Entity Parameters:

Terminal No.	V_{oc} *(V)*	I_{sc} *(mA)*	P_o *(mW)*	C_a *(µF)*	L_a *(mH)*
1 or 4 to 2, 3 or 5	27.5	93	640	0.075	4
2 or 5 to 3	1.1	45	13	100	18

a = Safety Approval: 1 (FM Intrinsically safe associated apparatus).
b = Output Signal: A (4-20mA DC).
c = Power Input: R (24VDC).
d = Specifications: None (Standard specification) or -X (Special specification*).
*Special specification per user requirement which does not affect intrinsic safety.

Special Condition of Use:
1. The equipment shall be installed in compliance with the enclosure, mounting, spacing and segregation requirements of ultimate application, including a tool removable cover.

Equipment Ratings:

Evaluated as associated apparatus with intrinsically safe connection for Class I, II, III, Division 1, Groups A, B, C, D, E, F and G and for Class I, Zone 0 and 1, Group IIC

FM Approved for:

M-System Co., Ltd.
Nishinari-ku, Osaka, Japan

This certifies that the equipment described has been found to comply with the following Approval Standards and other documents:

Class 3600	1998
Class 3610	2010
Class 3810	2005
ANSI/ISA 60079-0	2009
ANSI/ISA 60079-11	2009

Original Project ID: 3026693 Approval Granted: September 11, 2006

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
3042120	May 20, 2011		

FM Approvals LLC

J. E. Marquedant
Group Manager, Electrical

20 May 2011
Date