

VARIATION

EC TYPE EXAMINATION CERTIFICATE N^R ISSeP08ATEX028X/2

(14) Equipment or protective system:
 Flow switches type M...

- (15) Object of the variation:
- To permit another temperature class in relation to another temperature range
 - Changing of the compound for DURALCO 4461 for high temperature models
 - The codes become :
 - o Ex mb IIC T6...T3 Gb
 - o Ex mb IIIC T95°C...T175°C Db

Electrical parameters: Unchanged

Eventual prescriptions: Tamb : up to +149°C

(16) Report n^r : 14113 of 19.12.2014

Composed in total of 11 pages, completed with the following documents:

- "M-50X Explosion Proof Flow Switch with In-line Flow", DOC# M-50X DS 418121 (7 pages)
- "M-60X Explosion Proof Flow Switch with In-line Flow", DOC# M-60X DS 417821 (7 pages)
- "M-100X Explosion Proof Adjustable Flow Switch with Right Angle Flow", DOC# M-100X DS 418121 (7 pages)
- "M-200X Explosion Proof Adjustable Flow Switch with Right Angle Flow", DOC# M-200X DS 418121 (7 pages)
- The drawings

Number	Rev.	Date	Description
LABEL-ATEX-A-009	000	16.12.2014	M-100X Label
LABEL-ATEX-A-010	000	16.12.2014	M-200X Label
LABEL-ATEX-A-011	000	16.12.2014	M-50X/60X Label

- The datasheets of the DURALCO 4461 from Cotronics Corporation

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- (17) Special conditions for safe use:
 The conditions imposed by the original certification are modified as follow:

Symbol X

- The integral cable connection shall be done either in non-hazardous area, or in an enclosure assuring a normalized protection mode.
- The material shall be supplied through a fuse of 1 A having a breaking capacity of 1500 A
- The temperature classification in relation to the ambient temperature range :

Ambient temperature range	Temperature class for Gas	Temperature class for Dust
- 40 °C to + 60 °C	T6	T95°C
- 40 °C to + 75 °C	T5	T95°C
- 40 °C to + 117 °C	T3	T140°C
- 40 °C to + 149 °C	T3	T175°C

- The metallic enclosure shall be connected to earth.

- (18) Essential Health and Safety Requirements: Covered by the Standards listed in the variation 1

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