

CERTIFICATE OF CONFORMITY

Certificate No.: 13198-1S-ML1 Rev 3

Date Issued: December 10, 2019

Project No.: 14874

Certification System Type 3
(ISO / IEC Guide 67)

Client No.: LC1230217

Applicant: Emerson Process Management
Valve Automation, Inc.
19200 Northwest Freeway
Houston, TX 77065
USA



A handwritten signature in blue ink, reading 'Kavinder Dhillon', is written over a horizontal line.

Issued by: _____
Certification Manager

Products: Rotary Electric Actuator

Model No(s): CM-32, FL-05, FL-15, FL-25, FQ-03, FQ-06, CL-05, CL-15

Ratings:

- 90 – 240Vac $\pm 10\%$, 50/60Hz, $I_N=2A$ / 230Vac
- 20 – 30Vdc, 5.5A, IP67
- Class I Zone 1 Ex db eb IIC T4 (T6) Gb
- Class II Zone 21 Ex tb IIIC T4 Db
- Class I Zone 1 AEx db eb IIC T4 (T6) Gb
- Class II Zone 21 AEx tb IIIC T4 Db
- $-40^{\circ}\text{C} \leq T_a \leq 60^{\circ}\text{C}$ (temperature class T4); $-40^{\circ}\text{C} \leq T_a \leq 40^{\circ}\text{C}$ (temperature class T6)

Applicable requirements:

- | | |
|-----------------------------|---------------------------|
| ➤ CSA-C22.2 No. 14-13 | ➤ UL 508:2007 (Ed. 17) |
| ➤ CSA-C22.2 No. 60079-0:15 | ➤ UL 60079-0:2013 |
| ➤ CSA-C22.2 No. 60079-1:16 | ➤ UL 60079-1:2015 |
| ➤ CSA-C22.2 No. 60079-7:16 | ➤ UL 60079-7:2016 (Ed. 5) |
| ➤ CSA-C22.2 No. 60079-31:15 | ➤ UL 60079-31:15 |

The 'C' and 'US' indicators adjacent to the LabTest Certification Mark shall signify that the product has been evaluated by an accredited laboratory to the applicable Canadian and US Standards. The subject area shall be displayed with the LabTest Certification Mark to identify the Standard Number, and Revision Level.

Conditions of acceptability:

- The yield stress of the screws for the flameproof enclosure must exceed 400 N/mm²
- Flameproof Control and Motorbox “d” shall always be assembled with the oil filled gearbox
- General standard temperature class T4:
Ambient temperature -20°C to +60°C or -40°C to +60°C
The protection device/temperature limiter S-125 has the response temperature of 130°C

Special design with temperature class T6:
Ambient temperature -20°C to +40°C or -40°C to +40°C
The protection device/temperature limiter SF76E has the response temperature of 76°C

The 'C' and 'US' indicators adjacent to the LabTest Certification Mark shall signify that the product has been evaluated by an accredited laboratory to the applicable Canadian and US Standards. The subject area shall be displayed with the LabTest Certification Mark to identify the Standard Number, and Revision Level.