

Subject: CSA Area Approvals for CMFS Sensors with Integral Core Processors

Overview

This documents the availability of two ETOs that allow for the installation of CMFS sensors with integral enhanced core processors (ECP) in CSA Class 1, Division 1, group A, B hazardous areas.

Prior to the ETOs, CMFS sensors with integral ECPs were not approved for installation in CSA Class 1, Division 1, group A, B areas even though approval code A (prior to July 2018) indicated the approvals were met.

Important: CMFS sensors with integral ECPs, without these ETO options, are not compliant in CSA Class 1, Division 1, Group A, B regardless of how the approval tag reads installed on the sensor.

Products Affected

CMFS sensors with integral ECPs and CSA Class 1, Division 1 approvals. No other sensors or hazardous area approvals are applicable.

NAMUR NE 53 Rating

This release is rated at NAMUR NE 53 Level 2.

Resolution

- For customers who are ordering new CMFS sensors with integral ECPs (Electronics Interface codes 2, 3, 4, 5, 6, 7, 8, 9) and require CSA Class 1, Division 1, group A or B area approvals, **ETO 33407** must be ordered with the new sensor to ensure the proper ECP is used with the sensor.
- For customers with existing CMFS sensors with integral ECPs (Electronics Interface codes 2, 3, 4, 5, 6, 7, 8, 9) in CSA Class 1, Division 1, group A or B areas, a replacement ECP must be ordered. The replacement ECP part number is **ETOITEMAX_33476**.

Contact Information

Product information is available on the internet at: www.emerson.com.

Customer Service Phone Numbers:

Micro Motion USA	1-800-522-6277
Micro Motion Europe	31 (0) 318 495 555
Micro Motion Asia	65 6777-8211
Micro Motion UK	44 0870 240 1978
Micro Motion Japan	81 3 5769-6803

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