



Emerson
3200 Emerson Way
McKinney, TX 75069

November 13, 2023

IMPORTANT PRODUCT SERVICE NOTICE

PRODUCT CONFIGURATIONS COVERED BY NOTICE

Brand: Fisher

Model: Type 627BM Series Regulators

Types: 627BM, 627BMR, 627BHM, 627BMOSX, & 627BHMOSX

Valve Disk Material: Nylon Disks

PRODUCTION DATES

January 1, 2021 to October 19, 2023

BACKGROUND

It has come to the attention of Emerson Process Management Regulator Technologies that the Type 627BM Series regulator with nylon valve disk material (Key 9, Figure 1) will achieve Class IV Seat Leakage Classifications per ANSI FCI 70-3. The 627 bulletin stated "tight shutoff" for nylon disks prior to May 2022 which may not have aligned with expectations for shutoff performance on the 627BM. With the nylon disk, there is the possibility that the regulator will not achieve tight shutoff resulting in an increase in outlet pressure above the rated outlet pressure over setpoint for the 627BM Series used in no flow scenarios.

ACTION REQUIRED

Emerson Process Management requires that the Type 627BM with a nylon disk manufactured from January 1, 2021, to October 19, 2023 be reviewed with the customer to confirm that the customer's application can accept class IV leakage and has appropriate overpressure protection other than a 627BM monitor. This should be done as soon as reasonably possible.

Identify Type 627BM Series Regulators

1. Locate the 627 type on the nameplate and identify 627BM units (see Figure 2).
2. Locate the 627BM serial number and determine the valve disk material on the serial card (see Figure 2).
3. Determine if the class IV leakage rate is acceptable, with existing overpressure protection in the application or with additional overpressure protection.
 - a. If class IV leakage rate is not acceptable, remove and return the nylon disk 627BM units to the Emerson Impact Partner.

No Cost Replacement

For units that must be returned, please contact your local Emerson Impact Partner to review your application and order an appropriate replacement regulator.

FIGURE 1 – Location of Disk

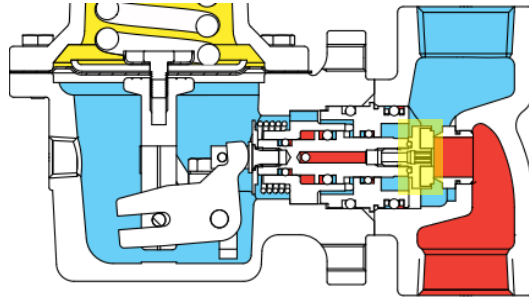


FIGURE 2 – Location of the 627 Type and Serial Number on the Series Nameplate.

