



## Technical Bulletin

Ref: **TB-16018-ENG**

Product: INOmax DS<sub>IR</sub><sup>®</sup>, INOmax DS<sub>IR</sub><sup>®</sup> Plus

INOmax DS<sub>IR</sub><sup>®</sup> Plus MRI, and INOflo<sup>®</sup> DS

Affected parts: Injector Module

Issue date: **February 2022**

Priority: Low

Classification: Information for Distribution

Subject: **Updated Injector Module (PN 90849)**

Mallinckrodt is introducing an updated injector module that has equivalent performance to the current injector modules (PN's 1605-3038-000, 90726 and 90713) along with improved appearance and ergonomics (see below). This new injector module is qualified to be used with all models of INOmax DS<sub>IR</sub> delivery systems only.

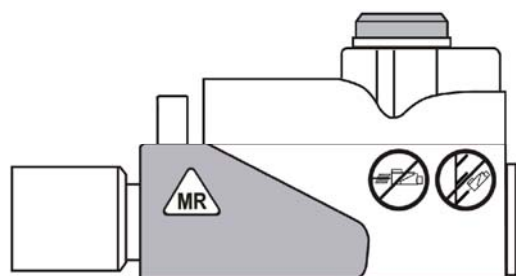
Mallinckrodt will not proactively replace the original box style injector module. The new-style injector module will be phased in over time. Continue to use whichever style injector module is provided with your device, as both styles are functionally equivalent.

The internal passages and taper specifications are the same as the previous injector modules with the following exception:

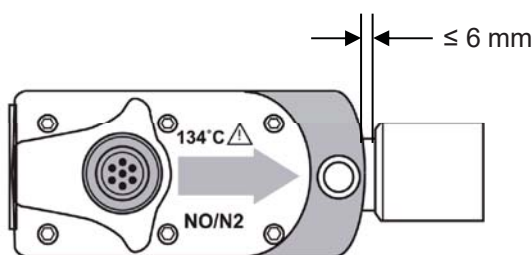
The external dimensions of the new injector module complies with ISO Standard 5356-1, Anaesthetic and respiratory equipment; Conical connectors; Part 1: Cones and sockets, with the exception of clause 3.2.1, which requires relief of  $\geq 6$  mm on connection tapers to accommodate a breathing tube equipped with a latching socket. The top view below shows where the exception is located on the updated injector module.

**Caution: Breathing circuit latching sockets may not fully engage the injector module (PN 90849) outlet, when connecting to the outside taper.**

**Injector Module Side View (PN 90849)**



**Top View**



**Cleaning:**

Cleaning instructions and processes are consistent with the previous injector modules. Consult the maintenance section of the operation manual for details.

For technical assistance regarding the INOmax DS<sub>IR</sub>, please contact Technical Support at 1-877-566-9466 (North America) or your specific country manager.

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