

Reasoning

Dräger BT-module

BT03

without FCC ID on product caused by size restrictions

Version: 1.0

1 Reasoning

In KDB 784748 D01 V09 R02 chapter 3 the FCC states the following:

3. CERTIFICATION

For certification, the product shall bear a nameplate or label with the FCC Identifier (FCC ID), as defined in Section 2.925.¹³ The FCC ID must always be accessible when using the product. The placement of the FCC ID must be a physical label on the product unless an e-label is used.

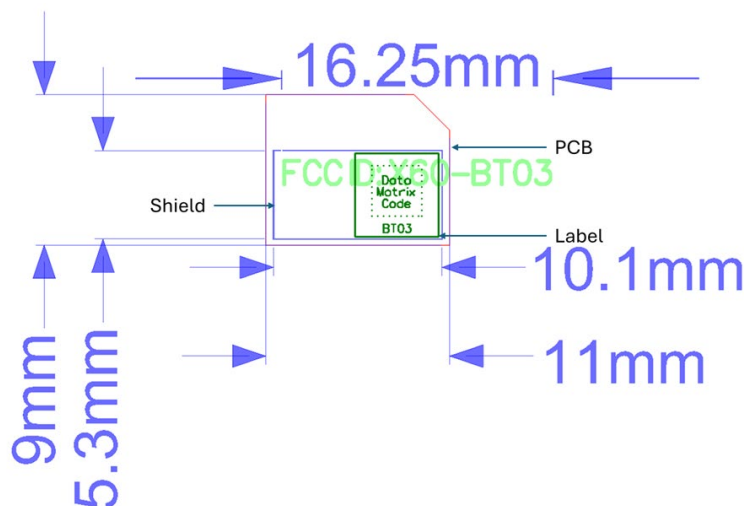
Physical FCC ID labels must be located on the product's surface, or within a user-accessible non-detachable compartment (such as the battery compartment). The label shall be permanently affixed, permitting the device to be positively identified. The font needs to be readily legible and consistent with the dimensions of the equipment and its label area.

When the device is so small or for such use that it is impracticable to label with a **font size that is four points or larger** (and the device does not utilize electronic labeling), then the FCC ID shall be placed in the user manual. The FCC ID shall also be placed either on the device packaging or on a removable label attached to the device.

The definition of point (pt) is the smallest unit of measure in typography. It is a subdivision of the larger pica. The contemporary desktop publishing point (also called the PostScript point) was defined as 72 points to the inch (1 point = $1/72$ inches = 25.472 mm = 0.3527 mm).

Using this information to determine the font height we can convert point (pt) to mm with a factor of 0.3527, which results in a font height of 1.4108mm for a four-points font size.

The below dimensioned and magnified graphic shows the product with the actual shield can and label and a visualized FCC ID printed in four-points font size. It demonstrates that the FCC ID doesn't fit on the label if printed in four-points.



This module is intended to be used in Dräger products only. The integrating product is obliged to print the label of the end product containing this BT module the following:

Contains transmitter module FCC: X6O-BT03

or

Contains FCC: X6O-BT03