

EU-Declaration of conformity

1. Description and use of the device:

The limit switch boxes type: EB-PE-... and EB-AL... with the mechanical limit switches serve the purpose of reporting end or intermediate positions of industrial valves. The limit switch boxes for rotary actuators will be fixed with stainless steel brackets. The limit switch boxes for linear actuators will be fixed via F05-slot and a aluminium plate with a stainless steel mounting set.

Use of the above mentioned limit switch boxes can be found in endangered explosive areas, equipment group II, category 2G, zones 1, 2 or 2D, zones 21, 22.

Another option is to use a low temperature limit switch box type: EB-AL-... -T in potentially explosive areas, equipment group II, in extremely cold regions, e.g. Siberia, in the device category 2G, zone 1, 2 or 2D, zone 21 and 22.

2. Requirements:

The certified limit switch boxes fully comply with the requirements of guideline 2014/34/EU as well as the norms:

EN 60079-0: 2018

Explosive atmospheres - Part 0: Equipment - General requirements

EN 60079-1: 2015

Explosive atmospheres - Part 1:

Equipment protection by flameproof enclosures "d"

EN 60079-7: 2016

Explosive atmospheres - Part 7:

Equipment protection by increased safety "e"

EN 60079-31: 2016

Explosive atmospheres - Part 31:
Equipment dust ignition protection by enclosure "t"

EN 60079-18: 2015

Explosive atmospheres - Part 18:
Equipment protection by encapsulation "m"

3. EU-Prototype technical release certificate-No.: IBExU 07 ATEX 1155

4. QS-Test center:

IBExU (Kenn-Nr.: 0637)
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Fuchsmühlenweg 7
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5. Responsible:

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Rauter Sensor-Boxes, Neuss

Neuss, den 14. September 2018



Dipl.-Ing. Peter Rauter