

Declaration of conformity for equipment without own source of ignition following  
the ATEX directive 2014/34/EU  
Herewith we declare that following products:

**Description:**

**Type:**

• Base plate	Type 52-00
• Rubber foot	Type 52-02
• Rubber element with flange	Type 52-05
• Rocker pin	Type 52-08
• Rubber foot	Type 52-10
• Rubber foot	Type 52-15
• Tension adapter	Type 52-31
• Tension assembly	Type 53-04
• Rocker system	Type 55-01-07A
• Rocker system	Type 55-01-07C
• Rocker system	Type 55-01-07H
• Rocker system	Type 55-01-07D
• Weigh module	Type 52-14
• Weigh module	Type 52-13 (2-directional bumper)
• Weigh module	Type 52-13 (3-directional bumper)
• Weigh module	Type 52-13T
• Weigh module	Type 52-18
• Weigh module	Type 55-01-09
• Weigh module	Type 55-01-10
• Weigh module	Type 55-01-11
• Weigh module	Type 55-20
• Weigh module	Type 52-01HD
• Weigh module	Type 66-20
• Dummy support	Type 56-01
• Dummy support	Type 56-02
• Symmetrical fixation plates	200N ... 2kN
• Symmetrical fixation plates	5kN ... 20kN
• Asymmetrical fixation plates	200N ... 2kN
• Asymmetrical fixation plates	5kN ... 20kN
• Asymmetrical fixation plates	50kN

are

1. not equipment,
2. not protective systems and
3. not safety devices, controlling devices and regulating devices,
4. not components

according directive 2014/34/EU article 1 and 2.

If applied according their intended use these products don't have their own source of ignition.  
They don't need **not be marked** according to the ATEX directive. An internal ignition risk  
assessment has been done.

The components are manufactured from the following materials:

- a. Stainless steel
- b. Zinc plated steel
- c. Specially designed brass
- d. Polypropylene

Considering the applied regulations for the installation of equipment in hazardous areas (e.g. EN 60079-14, EN 1127-1, etc.) the products can be used accordingly:

- a. In zone 2 (hazardous gas, category 3G) in the explosion groups IIA, IIB and IIC
- b. In zone 22 (hazardous dust, category 3D) with dust and minimum ignition energy < 1 mJ
- c. In zone 1 (hazardous gas, category 2G) in the explosion groups IIA, IIB and IIC
- d. In zone 21 (hazardous dust, category 2D) with dust and minimum ignition energy > 1 mJ

Additional restrictive operation conditions can be found in the applied explosion protection standards. It is noted, for example:

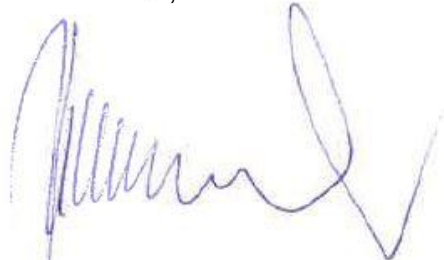
- i. It must be assured, that there is no difference of the electrical potential between the fixed plate and the free plate. A potential equaliser has to be installed where required.
- ii. The mechanical construction has to be included into the local potential equalisation (may be done by an electroconductive construction).
- iii. Under normal operation the fixed and the free plate must not bump against each other.
- iv. The heating is  $\leq 10K$  during normal operation

If the described conditions are met it is allowed to use the products in category 1 and to include the products into a superior hazard assessment.

Following harmonized standards/specifications have been applied for the hazard assessment in their current release at the date of signature:

Standard	Titel
EN 80079-36	Non-electrical equipment for explosive atmospheres - Basic method and requirements
EN 1127-1	Explosive atmospheres - Explosion prevention and protection - Part 1: Basic concepts and methodology

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