

EC/EU Declaration of Conformity

in terms of Directives
2006/42/EG, Annex II Part 1 A,
2014/30/EU, Annex IV,
2011/65/EU, Annex VI and
2014/34/EU, Annex X

Manufacturer: **BROSA GmbH**
Dr.-Klein-Straße 1
D-88069 Tettnang

On our own responsibility we hereby declare the products according to design/type

Force measuring pin Ex d type 0203
from January 2022 (manufacturing date) onwards

to comply with the relevant regulations of the following directives:

2006/42/EG	Machinery Directive
2014/30/EU	EMC Directive
2011/65/EU	RoHS Directive
2014/34/EU	ATEX Directive

The type examination related with the latter directive has been carried out by the following notified body:

DEKRA EXAM GmbH	BVS 09 ATEX E 037 X
Dinnendahlstraße 9	
D-44809 Bochum	Notified Body No. 0158

The requirements for production and testing of the product are defined in a quality and environmental management system certified according to ISO 9001 and ISO 14001.

Page 2 of this declaration contains the standards harmonized with the mentioned directives and applied to the products according to the mentioned design/type.

Tettnang, January 3rd, 2022



Martin Wagner
CEO

List of applied, harmonized standards

2006/42/EG	
EN ISO 13849-1:2015	Safety of machinery – Safety-related parts of control systems – Part 1: General principles for design
EN 12100:2010	Safety of machinery – General principles for design – Risk assessment and risk reduction
2014/30/EU	
EN 61000-6-2:2019	Electromagnetic compatibility (EMC) – Part 6-2: Generic standards – Immunity for industrial environments
EN 61000-6-3:2007 +A1:2011 +AC:2012	Electromagnetic compatibility (EMC) – Part 6-3: Generic standards – Emission standard for residential, commercial and light-industrial environments
EN 61326-1:2013	Electrical equipment for measurement, control and laboratory use – EMC requirements – Part 1: General requirements
EN 61326-2-3:2013	Electrical equipment for measurement, control and laboratory use – EMC requirements – Part 2-3: Particular requirements – Test configuration, operational conditions and performance criteria for transducers with integrated or remote signal conditioning
2011/65/EU	
EN IEC 63000:2018	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances
2014/34/EU	
EN 60079-0:2018 +AC:2020-02	Explosive atmospheres – Part 0: Equipment – General requirements
EN 60079-1:2014 +AC:2018-09	Explosive atmospheres – Part 1: Equipment protection by flameproof enclosures "d"

Person authorized to compile the technical files:

Roland Johe
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End of EC Declaration of Conformity