

# 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

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

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

**Force sensor washer type 0120**  
from January 2022 (manufacturing date) onwards

to comply with the relevant regulations of the following directives:

<b>2006/42/EG</b>	<b>Machinery Directive</b>
<b>2014/30/EU</b>	<b>EMC Directive</b>
<b>2011/65/EU</b>	<b>RoHS Directive</b>

Products according to the mentioned design as an ATEX intrinsically safe version are marked as such and additionally comply with the relevant regulations of the following directive:

<b>2014/34/EU</b>	<b>ATEX Directive</b>
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The type examination related with the latter directive has been carried out by the following notified body:

<b>DEKRA EXAM GmbH</b>	<b>BVS 03 ATEX E 241</b>
Dinnendahlstraße 9	<b>BVS 16 ATEX E 041</b>
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 3<sup>rd</sup>, 2022



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**Martin Wagner**  
CEO

## List of applied, harmonized standards

<b>2006/42/EG</b>	
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
<b>2014/30/EU</b>	
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
<b>2011/65/EU</b>	
EN IEC 63000:2018	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances
<b>2014/34/EU</b>	
EN 60079-0:2018 +AC:2020-02	Explosive atmospheres – Part 0: Equipment – General requirements
EN 60079-11:2012	Explosive atmospheres – Part 11: Equipment protection by intrinsic safety "i"

Person authorized to compile the technical files:

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End of EC Declaration of Conformity