



# IECEX Quality Assessment Report Summary

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

QAR Ref. No.:	<b>DE/TPS/QAR12.0006/12</b>	Page 1 of 1
QAR Free Ref. No.:	<b>713346020</b>	Status: <b>Issued</b>
Details of change:	Re-Certification Audit	Date of issue: <b>2024-12-05</b>
Location(s) audited:	<b>Braun GmbH</b> Esslinger Straße 26 71334 Waiblinger-Hegnach <b>Germany</b>	Valid until: <b>2027-11-05</b>  Audit date: <b>2024-11-27</b>
Issuing ExCB:	<b>TPS - TÜV SÜD Product Service GmbH</b>	
Manufacturer:	<b>Braun GmbH Industrie-Elektronik</b> Esslingerstrasse 26 71334 Waiblingen	
Location of Manufacturer:	<b>Germany</b>	
Product information:	Intrinsically safe single-channel sensors Ex ia IIC T4/T6 Ga and Ex nA IIC T4/T6 Gc for continuous speed detection. Converter for installation outside hazardous areas [Ex ia Ga] IIC.  Sensors and isolating barriers for use in Zone 0, 1 and 2; "ia" and "nA"	
Type of protection:	<b>Intrinsic safety "i", equipment protection by type of protection „n“</b>	
Related QARs:		
<a href="#">DE/TPS/QAR12.0006/00</a>	<a href="#">DE/TPS/QAR12.0006/01</a>	<a href="#">DE/TPS/QAR12.0006/02</a>
<a href="#">DE/TPS/QAR12.0006/03</a>	<a href="#">DE/TPS/QAR12.0006/04</a>	<a href="#">DE/TPS/QAR12.0006/05</a>
<a href="#">DE/TPS/QAR12.0006/06</a>	<a href="#">DE/TPS/QAR12.0006/07</a>	<a href="#">DE/TPS/QAR12.0006/08</a>
<a href="#">DE/TPS/QAR12.0006/09</a>	<a href="#">DE/TPS/QAR12.0006/10</a>	<a href="#">DE/TPS/QAR12.0006/11</a>
Related Certificates (manual insertion)::		
Related Certificates (automatic linking)::		
Related Certificates for previous versions:		
<a href="#">IECEX CML 14.0030X issue: 0</a>	<a href="#">IECEX CML 15.0063X issue: 0</a>	<a href="#">IECEX CML 15.0063X issue: 1</a>
<a href="#">IECEX CML 15.0063X issue: 2</a>	<a href="#">IECEX TPS 09.0002X issue: 3</a>	<a href="#">IECEX TPS 09.0003 issue: 3</a>
<a href="#">IECEX TPS 09.0003 issue: 4</a>		
Comments:	The design of Ex ia- and Ex nA-sensors is identical. Re-Certification Audit parallel to ATEX- Re-Certification Audit acc. to Directive 2014/34/EU and ISO 9001-Audit	