

We, ECOM Instruments GmbH, herewith confirm that each battery of this type is proved to meet the requirements of each applicable test in the UN manual of tests and criteria, ST/SG/AC.10/11 /Rev.7/Amend1/Subsection 38.3

Name & address of the manufacturer	<p>Pepperl+Fuchs SE Lilienthalstraße 200 68307 Mannheim Germany</p> <p>Tel: +49 (0) 6294 4224-0 battery@de.pepperl-fuchs.com www.pepperl-fuchs.com www.ecom-ex.com</p>
Product:	Ex-BP S03
Description:	Li-Ion; 130.86 g; 16.28 Wh; 3.7 V; 4400 mAh
Part number:	70167357, 70171113
Notified body: (Test laboratory)	<p>Shenzhen LCS Compliance Testing Laboratory Ltd. Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China Tel.: +(86) 0755-82591330 E-mail: webmaster@lcs-cert.com Web: www.lcs-cert.com</p>
Test report number and date:	<p>LCSA09203112SA Oct 07, 2023</p>
Production Quality Assessment:	<p>ISO9001:2015 Directive 2014/34EU Annex VIII Module Internal Control of Production</p>
Quality management system:	<p>The manufacturer of the cell/battery manufacture the products based on a documented quality management system according to transport regulations.</p>

PERFORMED TESTS	RESULTS
38.3.4.1 Test 1: Altitude Simulation	Pass
38.3.4.2 Test 2: Thermal Test	Pass
38.3.4.3 Test 3: Vibration	Pass
38.3.4.4 Test 4: Shock	Pass
38.3.4.5 Test 5: External Short Circuit	Pass
38.3.4.6 Test 6: Impact/Crush	Pass
38.3.4.7 Test 7: Overcharge	Pass
38.3.4.8 Test 8: Forced Discharge	Pass

The battery Ex-BP S03 is used in the following device types:

- Smart-Ex 03

Signed for and on behalf of ECOM Instruments GmbH/Pepperl + Fuchs SE
Assamstadt, [7 November 2023](#)


Unterzeichnet / signed
i.V. Jörg Hartleb
Head of Product Management