



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

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

Certificate No.: IECEX ITS 16.0052 Issue No: 0 Certificate history:  
Issue No. 0 (2016-07-26)

Status: Current Page 1 of 3

Date of Issue: 2016-07-26

Applicant: Bifold Fluidpower Ltd,  
Broadgate, Oldham Broadway Business Park, Chadderton,  
Manchester, OL9 9XA  
United Kingdom

Equipment: BPS-150W  
Optional accessory:

Type of Protection: Ex d Flame proof

Marking: Ex db IIB T6 Gb (-40°C ≤ Tamb ≤ 60°C)

IECEX ITS 16.0052

Approved for issue on behalf of the IECEx  
Certification Body:

A T Austin

Position:

Certification Officer

Signature:  
(for printed version)

Date:

2016-07-26

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

Intertek Testing & Certification Limited  
ITS House, Cleeve Road,  
Leatherhead,  
Surrey, KT22 7SB  
United Kingdom





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Manufacturer: **Bifold Fluidpower Ltd,**  
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Manchester, OL9 9XA  
United Kingdom

Additional Manufacturing  
location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEX Quality system requirements. This certificate is granted subject to the conditions as set out in IECEX Scheme Rules, IECEX 02 and Operational Documents as amended.

#### STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

**IEC 60079-0 : 2011** Explosive atmospheres - Part 0: General requirements  
Edition:6.0

**IEC 60079-1 : 2014-06** Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"  
Edition:7.0

*This Certificate does not indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

#### TEST & ASSESSMENT REPORTS:

*A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in*

#### Test Report:

GB/ITS/ExTR16.0051/00

#### Quality Assessment Report:

GB/BAS/QAR07.0038/05



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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

The Bifold Power Supply (BPS) BPS-150W comprises a cylindrical aluminium alloy enclosure XD-120H, component certified according to IECEx FTZU 11.0012U . The enclosure consists of a base and threaded cover fitted with VMQ rubber gasket and contains an electronic power supply assembly rated at 240Vac\ 24V dc, 6A. The enclosure base has three cable entry holes tapped either M20\*1.5 or M25\*1.5 marked on the label accordingly. All cable entries holes must be fitted with certified flameproof entry/ stopping devices.

CONDITIONS OF CERTIFICATION: NO

### Annex:

[Annex to IECEx ITS 16.0052 Issue 0.pdf](#)