



IECEx Certificate of Conformity



INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

| | | | |
|---------------------|---|-------------|-----------------------------|
| Certificate No.: | IECEx SIR 11.0026 | Page 1 of 4 | <u>Certificate history:</u> |
| Status: | Current | Issue No: 4 | Issue 3 (2020-06-17) |
| Date of Issue: | 2021-01-12 | | Issue 2 (2017-02-01) |
| Applicant: | Pepperl+Fuchs SE Lilienthalstrasse 200 68307 Mannheim Germany | | Issue 1 (2013-07-11) |
| Equipment: | Govan Brand PS**-***** Series of Plastic Plugs & Sockets | | Issue 0 (2011-06-20) |
| Optional accessory: | | | |
| Type of Protection: | Flameproof, Increased Safety and Dust Protection | | |
| Marking: | Refer to the certificate annexe | | |

Approved for issue on behalf of the IECEx
Certification Body:

N Jones

Position:

Certification Manager

Signature:
(for printed version)

Date:
(for printed version)

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 www.iecex.com or use of this QR Code.



Certificate issued by:

SIRA Certification Service
CSA Group
Unit 6, Hawarden Industrial Park
Hawarden, Deeside, CH5 3US
United Kingdom





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Certificate No.: **IECEx SIR 11.0026**

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Date of issue: 2021-01-12

Issue No: 4

Manufacturer: **Pepperl+Fuchs SE**
Lilienthalstrasse 200
68307 Mannheim
Germany

Manufacturing locations: **Pepperl+Fuchs SE**
Bussmatten 10-12
77815 Buehl/Baden
Germany

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 equipment 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 60079-0:2007 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:5

IEC 60079-1:2007 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:6

IEC 60079-31:2008 Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure 't'
Edition:1

IEC 60079-7:2006 Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition:4

This Certificate **does not** indicate compliance with 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 Reports:

[GB/SIR/ExTR11.0144/00](#)
[GB/SIR/ExTR20.0104/00](#)

[GB/SIR/ExTR13.0057/00](#)
[GB/SIR/ExTR20.0233/00](#)

[GB/SIR/ExTR16.0330/00](#)

Quality Assessment Report:

[DE/PTB/QAR06.0015/15](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

PS16-***** Series of Plastic Plugs & Sockets

The PS16 series cover wall and coupler types of plugs and sockets and comprise of a non-metallic plastic GRP material enclosure, having an IP 66 rating and are used to provide cable connection in potentially explosive areas.

PS32-***** Series of Plastic Plugs & Sockets

The PS32 series cover wall and coupler types of plugs and sockets and comprise of a non-metallic plastic GRP material enclosure, having an IP 66 rating and are used to provide cable connection in potentially explosive areas.

PS63-***** and PS125-***** Series of Plastic Plugs & Sockets

The PS63 and PS125 series of plugs and sockets are wall mount types and comprise of a non-metallic plastic GRP material enclosure, having an IP 66 rating and are used to provide cable connection in potentially explosive areas. . The internal switch module is component IECEx certified (IECEx SIR 11.0024U), coded Ex de IIC Gb.

The PS63 plugs and sockets are suitable for use in a service ambient temperature range of -40°C to +40°C/+55°C and the PS125 plugs and sockets are suitable for use in a service ambient temperature range of -40°C to +45°C.

For Conditions of Manufacture, Coding and ratings refer to the Annexe.

SPECIFIC CONDITIONS OF USE: NO





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Issue No: 4

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

This issue, Issue 4, recognises the following changes; refer to the certificate annex to view a comprehensive history:

1. The change of Applicant and Manufacturer's name from Pepperl+Fuchs AG to Pepperl+Fuchs SE.
2. The QAR reference was updated.
3. The removal of some additional manufacturing locations.

Annex:

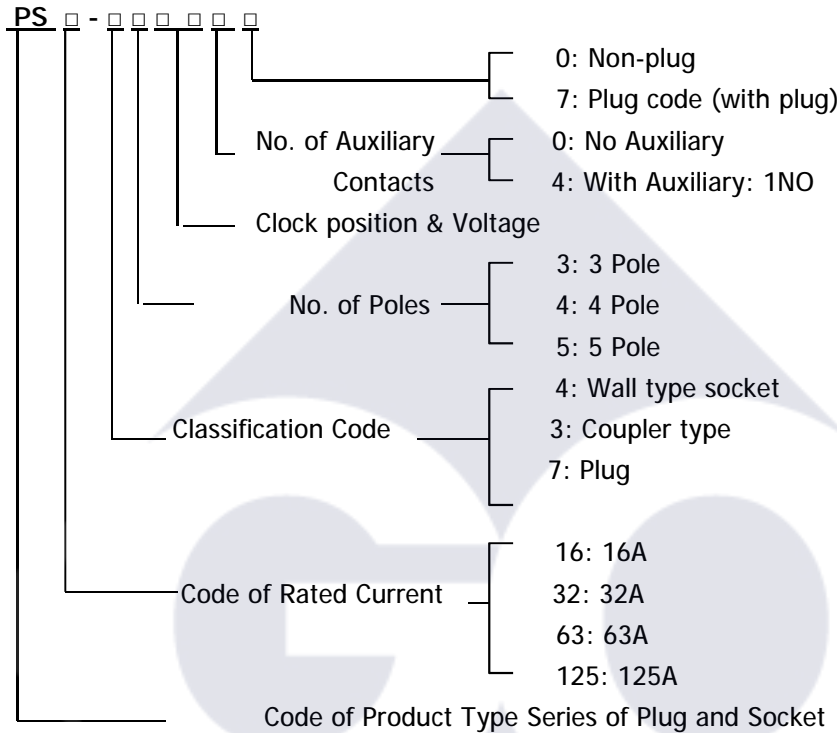
[IECEx SIR 11.0026 Issue 4 Annexe.pdf](#)



Annexe to: IECEx SIR 11.0026 Issue 4
 Applicant: Pepperl+Fuchs SE
 Apparatus: Govan Brand PS**-***** Series of Plastic Plugs & Sockets



The plugs and sockets are coded as follows:



PS16-*** Series of Plastic Plugs & Sockets**

The PS16 series cover wall and coupler types of plugs and sockets and comprise of a non-metallic plastic GRP material enclosure, having an IP 66 rating and are used to provide cable connection in potentially explosive areas.

The PS16** series have the following ratings and certification codes:

| IECEx Certification code | Rating |
|--|--|
| Ex de IIC T6 Gb, Ex t IIIC T80°C Db IP 66 Ta = -40°C to +45°C | 3-pole: 415VAC, 16A, 50/60Hz 4 pole: 690VAC, 16A, 50/60Hz 5 pole: 500VAC, 16A, 50/60Hz |
| Ex de IIC T5 Gb, Ex t IIIC T95°C Db IP 66 Ta = -40°C to +55°C | |

PS32-*** Series of Plastic Plugs & Sockets**

The PS32 series cover wall and coupler types of plugs and sockets and comprise of a non-metallic plastic GRP material enclosure, having an IP 66 rating and are used to provide cable connection in potentially explosive areas:

Annexe to: IECEx SIR 11.0026 Issue 4
 Applicant: Pepperl+Fuchs SE
 Apparatus: Govan Brand PS**-***** Series of Plastic Plugs & Sockets



The PS32 series have the following ratings and certification codes:

| IECEx Certification code | Rating |
|--|--|
| Ex de IIC T6 Gb, Ex t IIIC T80°C Db IP 66 Ta = -40°C to +40°C | 4 pole: 690VAC, 32A, 50/60Hz 5 pole: 500VAC, 32A, 50/60Hz |
| Ex de IIC T5 Gb, Ex t IIIC T95°C Db IP 66 Ta = -40°C to +55°C | |

PS63-***** and PS125-***** Series of Plastic Plugs & Sockets

The PS63 and PS125 series of plugs and sockets are wall mount types and comprise of a non-metallic plastic GRP material enclosure, having an IP 66 rating and are used to provide cable connection in potentially explosive areas. The internal switch module is component IECEx certified (IECEx SIR 11.0024U), coded Ex de IIC Gb.

The PS63 plugs and sockets are suitable for use in a service ambient temperature range of -40°C to +40°C/+55°C and the PS125 plugs and sockets are suitable for use in a service ambient temperature range of -40°C to +45°C.

The plugs and sockets shall be installed inside explosion-proof enclosure, providing an ingress protection of at least IP64.

The PS63 series have the following ratings and certification codes:

| IECEx Certification code | Rating |
|---|--|
| Ex de IIC T6 Gb, Ex t IIIC T80°C Db IP66 Ta = -40°C to +40°C | 4 pole: 690VAC, 63A, 50/60Hz 5 pole: 500VAC, 63A, 50/60Hz |
| Ex de IIC T5 Gb, Ex t IIIC T95°C Db IP66 Ta = -40°C to +55°C | |

The PS125 series have the following ratings and certification codes:

| IECEx Certification code | Rating |
|---|--|
| Ex de IIC T5 Gb, Ex t IIIC T95°C Db IP66 Ta = -40°C to +45°C | 4 pole: 690VAC, 125A, 50/60Hz 5 pole: 500VAC, 125A, 50/60Hz |

Conditions of Manufacture

1. A routine dielectric test according to 7.1 of IEC 60079-7 shall be carried out

Annexe to: IECEx SIR 11.0026 Issue 4
Applicant: Pepperl+Fuchs SE
Apparatus: Govan Brand PS**-.***** Series of Plastic Plugs & Sockets



Full certificate change history

Issue 1 – this Issue introduced the following changes:

1. The Applicant's name and address was changed from Govan Industries Pty Ltd, 131-149 Link Drive, Campbellfield, Victoria, 3061, Australia to that currently shown.
2. The introduction of alternative manufacturing locations.

Issue 2 – this Issue introduced the following change:

1. The references to specific alternative manufacturing locations and associated QARs were removed as they are now covered by a statement in the Alternative Manufacturing location(s) section of the certificate. If required, refer to previous issues of the certificate to access the information that has been removed.

Issue 3 – this Issue introduced the following changes:

1. The change of Applicant and Manufacturer's name from Pepperl+Fuchs GmbH to Pepperl+Fuchs AG.
2. The clarification of the additional manufacturing locations.

Issue 4 – this Issue introduced the following changes:

1. The change of Applicant and Manufacturer's name from Pepperl+Fuchs AG to Pepperl+Fuchs SE.
2. The QAR reference was updated
3. The removal of some additional manufacturing locations