

DPI 610E-IS

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IECEX_BAS_21.0005X

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Declaration of Conformity

Product: DPI 610E

Name and address of the manufacturer: Druck Limited
Fir Tree Lane, Groby, Leicester, LE6 0FH, UK.

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Object of the declaration: DPI 610E-SPC
DPI 610E-SHC

The object of the declaration described above is in conformity with the relevant statutory requirements: S.I. 2012/3032; amended by S.I. 2019/492
S.I. 2016/1101; amended by S.I. 2019/696²
S.I. 2016/1105; amended by S.I. 2019/696¹
S.I. 2016/1107; amended by S.I. 2019/696
S.I. 2017/1206; amended by S.I. 2019/696

References to the relevant designated standards used or references to the other technical specifications in relation to which conformity is declared: EN 301 489-1:V2.2.3 (2019-11)
EN 301 489-17:V3.2.4 (2020-09)
EN 300 328 V2.2.2 (2019-07)
EN 62311:2020
IEC 62133-2:2017
EN IEC 60079-0:2018
EN 60079-11:2012
EN 62368-1:2014 +A11:2017²

The approved body SGS Baseefa (1180) performed an UK-type examination and issued the certificate: BAS21UKEX0638X

Additional information:
1. Only for model with a pressure range >200bar (200 MPa)..
2. Only for accessory IO610E-PSU.

Signed for and on behalf of Druck Limited.



J. MacGregor (Senior Engineering Manager)

Groby, 27 May 2022

Place and date of issue.

EU Declaration of Conformity

Product: DPI 610E

Name and address of the manufacturer: Druck Limited
Fir Tree Lane, Groby, Leicester, LE6 0FH, UK.

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Object of the declaration: DPI 610E-SPC
DPI 610E-SHC

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation: 2011/65/EU
2014/34/EU
2014/35/EU²
2014/53/EU
2014/68/EU¹

References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared: EN 301 489-1:V2.2.3 (2019-11)
EN 301 489-17:V3.2.4 (2020-09)
EN 300 328 V2.2.2 (2019-07)
EN 62311:2020
IEC 62133-2:2017
EN IEC 60079-0:2018
EN 60079-11:2012
EN 62368-1:2014 +A11:2017²

The notified body SGS Fimko (0598) performed an EU-type examination and issued the certificate: SGS 21ATEX0009X

Additional information:

1. Only for model with a pressure range >200bar (200 MPa)..
2. Only for accessory IO610E-PSU.

Signed for and on behalf of Druck Limited.



J. MacGregor (Senior Engineering Manager)

Groby, 27 May 2022

Place and date of issue.

ЕС Декларация за Съответствие

Продукт: DPI 610E

Наименование и адрес на производителя: Druck Limited
Fir Tree Lane, Groby, Leicester, LE6 0FH, OK.

Настоящата декларация за съответствие е издадена на отговорността на производителя.

Предмет на декларацията: DPI 610E-SPC
DPI 610E-SHC

Предметът на декларацията, описан по-горе, отговаря на съответното законодателство на Съюза за хармонизация:

2011/65/EU
2014/34/EU
2014/35/EU²
2014/53/EU
2014/68/EU¹

Позоваване на използваните хармонизирани стандарти или позоваване на други технически спецификации, по отношение на които се декларира съответствие:

EN 301 489-1:V2.2.3 (2019-11)
EN 301 489-17:V3.2.4 (2020-09)
EN 300 328 V2.2.2 (2019-07)
EN 62311:2020
IEC 62133-2:2017
EN IEC 60079-0:2018
EN 60079-11:2012
EN 62368-1:2014 +A11:2017²

Нотифицираният орган SGS Fimko (0598) извърши ЕС изследване на типа и издаде следния сертификат: SGS 21ATEX0009X

Допълнителна информация:

1. Само за модел with a pressure range >200bar (200 MPa)..
2. Само за аксесоар IO610E-PSU.

Подписано за и от името на Druck Limited.



J. MacGregor (Старши инженерен ръководител)

Groby, 27 май 2022 г.

Място и дата на издаване.

EU Prohlášení o Shodě

Výrobek: DPI 610E

Jméno a adresa výrobce: Druck Limited
Fir Tree Lane, Groby, Leicester, LE6 0FH, Spojené království.

Toto prohlášení o shodě se vydává na výhradní odpovědnost výrobce.

Předmět prohlášení: DPI 610E-SPC
DPI 610E-SHC

Výše popsaný předmět prohlášení je ve shodě s příslušnými harmonizačními právními předpisy Unie:

2011/65/EU
2014/34/EU
2014/35/EU²
2014/53/EU
2014/68/EU¹

Odkazy na příslušné harmonizované normy, které byly použity, nebo na jiné technické specifikace, na jejichž základě se shoda prohlašuje:

EN 301 489-1:V2.2.3 (2019-11)
EN 301 489-17:V3.2.4 (2020-09)
EN 300 328 V2.2.2 (2019-07)
EN 62311:2020
IEC 62133-2:2017
EN IEC 60079-0:2018
EN 60079-11:2012
EN 62368-1:2014 +A11:2017²

Oznámený subjekt, společnost SGS Fimko (0598), provedl přezkoušení typu EU a vydal certifikát: SGS 21ATEX0009X

Další informace:

1. Pouze pro model with a pressure range >200bar (200 MPa)..
2. Pouze pro příslušenství IO610E-PSU.

Podepsáno za a jménem Druck Limited.



J. MacGregor (Senior manažer oddělení technické údržby)

Groby, pátek 27. května 2022

Místo a datum vydání.

EU-overensstemmelseserklæring

Produkt: DPI 610E

Fabrikantens navn og adresse: Druck Limited
Fir Tree Lane, Groby, Leicester, LE6 0FH, UK.

Denne overensstemmelseserklæring udstedes på fabrikantens ansvar.

Erklæringens genstand: DPI 610E-SPC
DPI 610E-SHC

Genstanden for erklæringen, som beskrevet ovenfor, er i overensstemmelse med den relevante EU-harmoniseringslovgivning: 2011/65/EU
2014/34/EU
2014/35/EU²
2014/53/EU
2014/68/EU¹

Referencer til de relevante anvendte harmoniserede standarder eller til de andre tekniske specifikationer, som der erklæres overensstemmelse med: EN 301 489-1:V2.2.3 (2019-11)
EN 301 489-17:V3.2.4 (2020-09)
EN 300 328 V2.2.2 (2019-07)
EN 62311:2020
IEC 62133-2:2017
EN IEC 60079-0:2018
EN 60079-11:2012
EN 62368-1:2014 +A11:2017²

Det bemyndigede organ SGS Fimko (0598) udførte en EU-typeafprøvning og udstedte certifikatet: SGS 21ATEX0009X

Supplerende oplysninger:
1. Kun for model with a pressure range >200bar (200 MPa)..
2. Kun for tilbehør IO610E-PSU.

Underskrevet for og på vegne af Druck Limited.



J. MacGregor (Senior Engineering Manager)

Groby, 27. maj 2022

Udstedelsessted og -dato.

EU-Konformitätserklärung

Produkt: DPI 610E

Name und Anschrift des Herstellers: Druck Limited
Fir Tree Lane, Groby, Leicester, LE6 0FH, UK.

Die alleinige Verantwortung für die Ausstellung dieser Konformitätserklärung trägt der Hersteller.

Gegenstand der Erklärung: DPI 610E-SPC
DPI 610E-SHC

Der oben beschriebene Gegenstand der Erklärung erfüllt die einschlägigen Harmonisierungsrechtsvorschriften der Union:

2011/65/EU
2014/34/EU
2014/35/EU²
2014/53/EU
2014/68/EU¹

Angabe der einschlägigen harmonisierten Normen oder der anderen technischen Spezifikationen, die der Konformitätserklärung zugrunde gelegt wurden:

EN 301 489-1:V2.2.3 (2019-11)
EN 301 489-17:V3.2.4 (2020-09)
EN 300 328 V2.2.2 (2019-07)
EN 62311:2020
IEC 62133-2:2017
EN IEC 60079-0:2018
EN 60079-11:2012
EN 62368-1:2014 +A11:2017²

Die benannte Stelle SGS Fimko (0598) hat eine EU-Baumusterprüfung durchgeführt und folgende Bescheinigung ausgestellt:

SGS 21ATEX0009X

Zusatzangaben:

1. Nur für das Modell with a pressure range >200bar (200 MPa)..
2. Nur für das Zubehör IO610E-PSU.

Unterzeichnet für und im Namen von Druck Limited.



J. MacGregor (Abteilungsleiter Konstruktion)

Groby, Freitag, 27. Mai 2022

Ort und Datum der Ausstellung.

Δήλωση Συμμόρφωσης ΕΕ

Προϊόν: DPI 610E
Όνομα και διεύθυνση του κατασκευαστή: Druck Limited
Fir Tree Lane, Groby, Leicester, LE6 0FH, UK.

Η παρούσα δήλωση συμμόρφωσης εκδίδεται με αποκλειστική ευθύνη του κατασκευαστή.

Στόχος της δήλωσης: DPI 610E-SPC
DPI 610E-SHC

Ο στόχος της δήλωσης που περιγράφεται παραπάνω είναι σύμφωνος με τη σχετική ενωσιακή νομοθεσία εναρμόνισης: 2011/65/EU
2014/34/EU
2014/35/EU²
2014/53/EU
2014/68/EU¹

Παραπομπές στα σχετικά εναρμονισμένα πρότυπα που χρησιμοποιήθηκαν ή παραπομπές στις λοιπές τεχνικές προδιαγραφές σε σχέση με τις οποίες δηλώνεται η συμμόρφωση: EN 301 489-1:V2.2.3 (2019-11)
EN 301 489-17:V3.2.4 (2020-09)
EN 300 328 V2.2.2 (2019-07)
EN 62311:2020
IEC 62133-2:2017
EN IEC 60079-0:2018
EN 60079-11:2012
EN 62368-1:2014 +A11:2017²

Ο κοινοποιημένος οργανισμός SGS Fimko (0598) πραγματοποίησε εξέταση τύπου ΕΕ και εξέδωσε το πιστοποιητικό: SGS 21ATEX0009X

Πρόσθετες πληροφορίες:

1. Μόνο για το μοντέλο with a pressure range >200bar (200 MPa)..
2. Μόνο για το εξάρτημα IO610E-PSU.

Υπογραφή για λογαριασμό και εξ ονόματος Druck Limited.



J. MacGregor (Senior Engineering Manager)

Groby, Παρασκευή, 27 Μαΐου 2022

Τόπος και ημερομηνία έκδοσης.

Declaración UE de conformidad

Producto: DPI 610E

Nombre y dirección del fabricante: Druck Limited
Fir Tree Lane, Groby, Leicester, LE6 0FH, Reino Unido.

La presente declaración de conformidad se expide bajo la exclusiva responsabilidad del fabricante.

Objeto de la declaración: DPI 610E-SPC
DPI 610E-SHC

El objeto de la declaración descrita anteriormente es conforme con la legislación de armonización pertinente de la Unión:

2011/65/EU
2014/34/EU
2014/35/EU²
2014/53/EU
2014/68/EU¹

Referencias a las normas armonizadas pertinentes utilizadas, o referencias a las otras especificaciones técnicas respecto a las cuales se declara la conformidad:

EN 301 489-1:V2.2.3 (2019-11)
EN 301 489-17:V3.2.4 (2020-09)
EN 300 328 V2.2.2 (2019-07)
EN 62311:2020
IEC 62133-2:2017
EN IEC 60079-0:2018
EN 60079-11:2012
EN 62368-1:2014 +A11:2017²

El organismo notificado SGS Fimko (0598) llevó a cabo un examen de tipo UE y emitió el certificado: SGS 21ATEX0009X

Información adicional:

1. Solo para el modelo with a pressure range >200bar (200 MPa)..
2. Solo para el accesorio IO610E-PSU.

Firmado en nombre de Druck Limited.



J. MacGregor (Director superior de ingeniería)

Groby, viernes, 27 de mayo de 2022

Lugar y fecha de expedición.

ELi vastavusdeklaratsioon

Toode: DPI 610E

Tootja nimi ja aadress: Druck Limited
Fir Tree Lane, Groby, Leicester, LE6 0FH, Ühendkuningriik.

Käesolev vastavusdeklaratsioon on välja antud tootja ainuvastutusel.

Deklareeritav toode: DPI 610E-SPC
DPI 610E-SHC

Ülalkirjeldatud deklareeritav toode on kooskõlas asjaomaste liidu ühtlustamisaktidega: 2011/65/EU
2014/34/EU
2014/35/EU²
2014/53/EU
2014/68/EU¹

Viited kasutatud harmoneeritud standarditele või viited muudele tehnilistele spetsifikatsioonidele, millele vastavust deklareeritakse: EN 301 489-1:V2.2.3 (2019-11)
EN 301 489-17:V3.2.4 (2020-09)
EN 300 328 V2.2.2 (2019-07)
EN 62311:2020
IEC 62133-2:2017
EN IEC 60079-0:2018
EN 60079-11:2012
EN 62368-1:2014 +A11:2017²

Teavitatud asutus SGS Fimko (0598) viis läbi ELi tüübihindamise ja väljastas sertifikaadi: SGS 21ATEX0009X

Lisateave:

1. Ainult mudeli with a pressure range >200bar (200 MPa). jaoks.
2. Ainult lisatarviku IO610E-PSU jaoks.

Alla kirjutanud (kelle poolt ja nimel) Druck Limited.



J. MacGregor (Vanem peainsener)

Groby, reede, 27. mai 2022

Väljaandmise koht ja kuupäev.

EU-vaatimustenmukaisuusvakuutus

Tuote: DPI 610E

Valmistajan nimi ja osoite: Druck Limited
Fir Tree Lane, Groby, Leicester, LE6 0FH, Iso-Britannia.

Tämä vaatimustenmukaisuusvakuutus on annettu valmistajan yksinomaisella vastuulla.

Vakuutuksen kohde: DPI 610E-SPC
DPI 610E-SHC

Edellä kuvattu vakuutuksen kohde on asiaa koskevan unionin yhdenmukaistamislainsäädännön vaatimusten mukainen: 2011/65/EU
2014/34/EU
2014/35/EU²
2014/53/EU
2014/68/EU¹

Viittaus niihin asiaa koskeviin yhdenmukaistettuihin standardeihin, joita on käytetty, tai viittaus muihin teknisiin eritelmiin, joiden perusteella vaatimustenmukaisuusvakuutus on annettu: EN 301 489-1:V2.2.3 (2019-11)
EN 301 489-17:V3.2.4 (2020-09)
EN 300 328 V2.2.2 (2019-07)
EN 62311:2020
IEC 62133-2:2017
EN IEC 60079-0:2018
EN 60079-11:2012
EN 62368-1:2014 +A11:2017²

Ilmoitettu laitos SGS Fimko (0598) suoritti EU-tyyppitarkastuksen ja antoi todistuksen: SGS 21ATEX0009X

Lisätietoja:

1. Vain mallille with a pressure range >200bar (200 MPa)..
2. Vain osalle IO610E-PSU.

Puolesta allekirjoittanut Druck Limited.



J. MacGregor (Vanhempi tekninen johtaja)

Groby, perjantai 27. toukokuuta 2022

Antamispaiikka ja -päivämäärä.

Déclaration UE de Conformité

Produit: DPI 610E

Nom et adresse du fabricant: Druck Limited
Fir Tree Lane, Groby, Leicester, LE6 0FH, Royaume-Uni.

La présente déclaration de conformité est établie sous la seule responsabilité du fabricant.

Objet de la déclaration: DPI 610E-SPC
DPI 610E-SHC

L'objet de la déclaration décrit ci-dessus est conforme à la législation d'harmonisation de l'Union applicable: 2011/65/EU
2014/34/EU
2014/35/EU²
2014/53/EU
2014/68/EU¹

Références des normes harmonisées pertinentes appliquées ou des autres spécifications techniques par rapport auxquelles la conformité est déclarée: EN 301 489-1:V2.2.3 (2019-11)
EN 301 489-17:V3.2.4 (2020-09)
EN 300 328 V2.2.2 (2019-07)
EN 62311:2020
IEC 62133-2:2017
EN IEC 60079-0:2018
EN 60079-11:2012
EN 62368-1:2014 +A11:2017²

L'organisme notifié SGS Fimko (0598) a procédé à un examen UE de type et délivré le certificat ci-après: SGS 21ATEX0009X

Informations complémentaires:

1. Uniquement pour modèle with a pressure range >200bar (200 MPa)..
2. Uniquement pour accessoire IO610E-PSU.

Signé par et au nom de Druck Limited.



J. MacGregor (Directeur technique en chef)

Groby, vendredi 27 mai 2022

Date et lieu d'établissement.

EU Izjava o sukladnosti

Proizvod: DPI 610E

Ime i adresa proizvođača: Druck Limited
Fir Tree Lane, Groby, Leicester, LE6 0FH, UK.

Za izdavanje EU izjave o sukladnosti odgovoran je isključivo proizvođač.

Predmet izjave: DPI 610E-SPC
DPI 610E-SHC

Predmet navedene izjave u skladu je s mjerodavnim zakonodavstvom Unije o usklađivanju: 2011/65/EU
2014/34/EU
2014/35/EU²
2014/53/EU
2014/68/EU¹

Pozivanja na relevantne primijenjene usklađene norme ili pozivanja na druge tehničke specifikacije u vezi s kojima se izjavljuje sukladnost: EN 301 489-1:V2.2.3 (2019-11)
EN 301 489-17:V3.2.4 (2020-09)
EN 300 328 V2.2.2 (2019-07)
EN 62311:2020
IEC 62133-2:2017
EN IEC 60079-0:2018
EN 60079-11:2012
EN 62368-1:2014 +A11:2017²

Prijavljeno tijelo SGS Fimko (0598) provelo je EU tipsko ispitivanje i izdalo certifikat: SGS 21ATEX0009X

Dodatne informacije:
1. Samo za model with a pressure range >200bar (200 MPa)..
2. Samo za dodatak IO610E-PSU.

Potpisano za i u ime Druck Limited.



J. MacGregor (Viši poslovoda za inženjerske poslove)

Groby, 27. svibnja 2022.

Mjesto i dan izdavanja.

EU Megfelelőségi Nyilatkozat

Termék: DPI 610E

A gyártó neve és címe: Druck Limited
Fir Tree Lane, Groby, Leicester, LE6 0FH, UK.

Ezt a megfelelőségi nyilatkozatot a gyártó kizárólagos felelőssége mellett adják ki.

A nyilatkozat tárgya: DPI 610E-SPC
DPI 610E-SHC

A fent ismertetett nyilatkozat tárgya megfelel a vonatkozó uniós harmonizációs jogszabályoknak:

2011/65/EU
2014/34/EU
2014/35/EU²
2014/53/EU
2014/68/EU¹

Az alkalmazott harmonizált szabványokra való hivatkozás vagy az azokra az egyéb műszaki leírásokra való hivatkozás, amelyekkel kapcsolatban megfelelőségi nyilatkozatot tettek:

EN 301 489-1:V2.2.3 (2019-11)
EN 301 489-17:V3.2.4 (2020-09)
EN 300 328 V2.2.2 (2019-07)
EN 62311:2020
IEC 62133-2:2017
EN IEC 60079-0:2018
EN 60079-11:2012
EN 62368-1:2014 +A11:2017²

Az SGS Fimko (0598) tanúsítószervezet az általa elvégzett EU típusvizsgálat alapján a következő tanúsítványt bocsátotta ki: SGS 21ATEX0009X

További információk:

1. Kizárólag with a pressure range >200bar (200 MPa). modell vonatkozásában.
2. Kizárólag IO610E-PSU tartozék vonatkozásában.

A nyilatkozatot az alábbi nevében és megbízásából írták alá Druck Limited.



J. MacGregor (Műszaki vezető munkatárs)

Groby, 2022. május 27., péntek

A kiállítás helye és dátuma.

ESB-samræmisyfirlýsing

Vara: DPI 610E

Heiti og heimilisfang framleiðanda: Druck Limited
Fir Tree Lane, Groby, Leicester, LE6 0FH, Bretland.

Útgáfa þessarar samræmisyfirlýsingar er alfarið á ábyrgð framleiðandans.

Hluturinn sem yfirlýsingin á við um: DPI 610E-SPC
DPI 610E-SHC

Hluturinn sem yfirlýsingin á við um og sem lýst er hér á undan er í samræmi við viðkomandi samhfingarlöggjöf Evrópusambandsins: 2011/65/EU
2014/34/EU
2014/35/EU²
2014/53/EU
2014/68/EU¹

Tilvísanir í viðkomandi samhfæða staðla sem eru notaðir eða tilvísanir í aðrar tækniforskriftir sem samræmisyfirlýsing miðast við: EN 301 489-1:V2.2.3 (2019-11)
EN 301 489-17:V3.2.4 (2020-09)
EN 300 328 V2.2.2 (2019-07)
EN 62311:2020
IEC 62133-2:2017
EN IEC 60079-0:2018
EN 60079-11:2012
EN 62368-1:2014 +A11:2017²

Tilkynnti aðilinn SGS Fimko (0598) framkvæmdi ESB-gerðarprófun og gaf út vottorðið: SGS 21ATEX0009X

Frekari upplýsingar:

1. Aðeins fyrir gerð with a pressure range >200bar (200 MPa)..
2. Aðeins fyrir aukabúnað IO610E-PSU.

Undirritað fyrir hönd Druck Limited.



J. MacGregor (Yfirverkfræðingur)

Groby, föstudagur, 27. maí 2022

Staður og útgáfudagur.

Dichiarazione di conformità UE

Prodotto: DPI 610E

Nome e indirizzo del fabbricante: Druck Limited
Fir Tree Lane, Groby, Leicester, LE6 0FH, UK.

La presente dichiarazione di conformità è rilasciata sotto la responsabilità esclusiva del fabbricante.

Oggetto della dichiarazione: DPI 610E-SPC
DPI 610E-SHC

L'oggetto della dichiarazione di cui sopra è conforme alla pertinente normativa di armonizzazione dell'Unione:

2011/65/EU
2014/34/EU
2014/35/EU²
2014/53/EU
2014/68/EU¹

Riferimento alle pertinenti norme armonizzate utilizzate o riferimenti alle altre specifiche tecniche in relazione alle quali è dichiarata la conformità:

EN 301 489-1:V2.2.3 (2019-11)
EN 301 489-17:V3.2.4 (2020-09)
EN 300 328 V2.2.2 (2019-07)
EN 62311:2020
IEC 62133-2:2017
EN IEC 60079-0:2018
EN 60079-11:2012
EN 62368-1:2014 +A11:2017²

L'ente notificato SGS Fimko (0598) ha eseguito un esame UE e ha rilasciato il certificato: SGS 21ATEX0009X

Informazioni aggiuntive:

1. Solo per il modello with a pressure range >200bar (200 MPa)..
2. Solo per l'accessorio IO610E-PSU.

Firmato a nome e per conto di Druck Limited.



J. MacGregor (Senior Engineering Manager)

Groby, venerdì 27 maggio 2022

Luogo e data del rilascio.

ES atitikties deklaracija

Gaminys: DPI 610E

Gamintojo pavadinimas ir adresas: Druck Limited
Fir Tree Lane, Groby, Leicester, LE6 0FH, UK.

Ši atitikties deklaracija išduota tik gamintojo atsakomybe.

Deklaracijos objektas: DPI 610E-SPC
DPI 610E-SHC

Pirmiau aprašytas deklaracijos objektas atitinka susijusius derinamuosius Sąjungos teisės aktus: 2011/65/EU
2014/34/EU
2014/35/EU²
2014/53/EU
2014/68/EU¹

Susijusių taikytų darnųjų standartų nuorodos arba kitų techninių specifikacijų, pagal kurias buvo deklaruota atitiktis, nuorodos: EN 301 489-1:V2.2.3 (2019-11)
EN 301 489-17:V3.2.4 (2020-09)
EN 300 328 V2.2.2 (2019-07)
EN 62311:2020
IEC 62133-2:2017
EN IEC 60079-0:2018
EN 60079-11:2012
EN 62368-1:2014 +A11:2017²

Paskelbtoji įstaiga SGS Fimko (0598) atliko ES tipo tyrimą ir išdavė sertifikatą: SGS 21ATEX0009X

Papildoma informacija:
1. Tik modeliui with a pressure range >200bar (200 MPa)..
2. Tik priedui IO610E-PSU.

Už ką ir kieno vardu pasirašyta Druck Limited.



J. MacGregor (Vyresnysis inžinerijos skyriaus vadovas)

Groby, 2022 m. gegužės 27 d., penktadienis

Išdavimo data ir vieta.

ES atbilstības deklarācija

Produkts: DPI 610E

Ražotāja viņa nosaukums un adrese: Druck Limited
Fir Tree Lane, Groby, Leicester, LE6 0FH, UK.

Šī atbilstības deklarācija ir izdota vienīgi uz ražotāja atbildību.

Deklarācijas priekšmets: DPI 610E-SPC
DPI 610E-SHC

Iepriekš aprakstītais deklarācijas objekts atbilst attiecīgajam Savienības saskaņošanas tiesību aktam: 2011/65/EU
2014/34/EU
2014/35/EU²
2014/53/EU
2014/68/EU¹

Atsauces uz attiecīgajiem izmantojamiem saskaņotajiem standartiem vai uz citām tehniskajām specifikācijām, attiecībā uz ko tiek deklarēta atbilstība: EN 301 489-1:V2.2.3 (2019-11)
EN 301 489-17:V3.2.4 (2020-09)
EN 300 328 V2.2.2 (2019-07)
EN 62311:2020
IEC 62133-2:2017
EN IEC 60079-0:2018
EN 60079-11:2012
EN 62368-1:2014 +A11:2017²

Pilnvarotā iestāde SGS Fimko (0598) veica ES tipa pārbaudi un izsniedza sertifikātu: SGS 21ATEX0009X

Papildu informācija:
1. Tikai modelim with a pressure range >200bar (200 MPa)..
2. Tikai piederumam IO610E-PSU.

Parakstītas šādas personas vārdā Druck Limited.



J. MacGregor (Vecākais tehniskais vadītājs)

Groby, piektdiena, 2022. gada 27. maijs

Izdošanas vieta un datums.

Dikjarazzjoni ta' Konformità tal-UE

Prodott: DPI 610E

L-isem u l-indirizz tal-manifattur: Druck Limited
Fir Tree Lane, Groby, Leicester, LE6 0FH, UK.

Din id-dikjarazzjoni ta' konformità tinħareġ taħt ir-responsabbiltà unika tal-manifattur.

L-għan tad-dikjarazzjoni: DPI 610E-SPC
DPI 610E-SHC

L-għan tad-dikjarazzjoni deskritt hawn fuq huwa konformi mal-leġislazzjoni ta' armonizzazzjoni rilevanti tal-Unjoni:

2011/65/EU
2014/34/EU
2014/35/EU²
2014/53/EU
2014/68/EU¹

Ir-referenzi għall-istandards armonizzati rilevanti li ntużaw, jew ir-referenzi għall-ispeċifikazzjonijiet tekniċi l-oħra li skonthom qed tiġi ddikjarata l-konformità:

EN 301 489-1:V2.2.3 (2019-11)
EN 301 489-17:V3.2.4 (2020-09)
EN 300 328 V2.2.2 (2019-07)
EN 62311:2020
IEC 62133-2:2017
EN IEC 60079-0:2018
EN 60079-11:2012
EN 62368-1:2014 +A11:2017²

Il-korp notifikat SGS Fimko (0598) wettaq eżaminazzjoni tat-tip tal-UE u ħareġ iċ-ċertifikat: SGS 21ATEX0009X

Informazzjoni addizzjonali:

1. Għall-mudell with a pressure range >200bar (200 MPa). biss.
2. Għall-aċċessorju IO610E-PSU biss.

Iffirmat għal u f'isem Druck Limited.



J. MacGregor (Maniġer Anzjan tat-Teknoloġija)

Groby, Il-Ġimgħa, 27 ta' Meju 2022

Post u data tal-ħruġ.

EU-Samsvarserklæring

Produkt: DPI 610E

Navn og adresse til produsent: Druck Limited
Fir Tree Lane, Groby, Leicester, LE6 0FH, Storbritannia.

Produsent er ansvarlig for utstedelse av denne samsvarserklæring.

Gjenstanden som samsvarserklæres: DPI 610E-SPC
DPI 610E-SHC

Gjenstanden for erklæringen, som beskrevet ovenfor, er i overensstemmelse med den relevante EU-harmoniseringslovgivning: 2011/65/EU
2014/34/EU
2014/35/EU²
2014/53/EU
2014/68/EU¹

Referanser til de relevante, harmoniserte standardene som brukes, eller referanser til de andre tekniske spesifikasjonene som samsvar erklæres i tilknytning til: EN 301 489-1:V2.2.3 (2019-11)
EN 301 489-17:V3.2.4 (2020-09)
EN 300 328 V2.2.2 (2019-07)
EN 62311:2020
IEC 62133-2:2017
EN IEC 60079-0:2018
EN 60079-11:2012
EN 62368-1:2014 +A11:2017²

Det underrettede organet SGS Fimko (0598) utførte en undersøkelse av EU-type og utstedte sertifikatet: SGS 21ATEX0009X

Supplerende opplysninger:
1. Kun for modell with a pressure range >200bar (200 MPa)..
2. Kun for tilbehør IO610E-PSU.

Underskrevet for og på vegne av Druck Limited.



J. MacGregor (Senior teknisk sjef)

Groby, fredag 27. mai 2022

Sted og dato for utstedelse.

EU-Conformiteitsverklaring

Product: DPI 610E

Naam en adres van de fabrikant: Druck Limited
Fir Tree Lane, Groby, Leicester, LE6 0FH, GB.

Deze conformiteitsverklaring wordt verstrekt onder volledige verantwoordelijkheid van de fabrikant.

Voorwerp van de verklaring: DPI 610E-SPC
DPI 610E-SHC

Het hierboven beschreven voorwerp is in overeenstemming de desbetreffende harmonisatiewetgeving van de Unie: 2011/65/EU
2014/34/EU
2014/35/EU²
2014/53/EU
2014/68/EU¹

Vermelding van de toegepaste relevante geharmoniseerde normen of van de overige technische specificaties waarop de conformiteitsverklaring betrekking heeft: EN 301 489-1:V2.2.3 (2019-11)
EN 301 489-17:V3.2.4 (2020-09)
EN 300 328 V2.2.2 (2019-07)
EN 62311:2020
IEC 62133-2:2017
EN IEC 60079-0:2018
EN 60079-11:2012
EN 62368-1:2014 +A11:2017²

Het aangemelde orgaan SGS Fimko (0598) heeft een EU-type onderzoek uitgevoerd en heeft het volgende certificaat uitgegeven: SGS 21ATEX0009X

Aanvullende informatie:

1. Alleen voor model with a pressure range >200bar (200 MPa)..
2. Alleen voor accessoire IO610E-PSU.

Ondertekend voor en namens Druck Limited.



J. MacGregor (Senior Technisch Manager)

Groby, vrijdag 27 mei 2022

Plaats en datum van uitgifte.

Deklaracja Zgodności UE

Produkt: DPI 610E

Nazwa i adres producenta: Druck Limited
Fir Tree Lane, Groby, Leicester, LE6 0FH, Wielka Brytania.

Niniejsza deklaracja zgodności wydana zostaje na wyłączną odpowiedzialność producenta.

Przedmiot deklaracji: DPI 610E-SPC
DPI 610E-SHC

Wymieniony powyżej przedmiot niniejszej deklaracji jest zgodny z odnośnymi wymaganiami unijnego prawodawstwa harmonizacyjnego:

2011/65/EU
2014/34/EU
2014/35/EU²
2014/53/EU
2014/68/EU¹

Odniesienia do odnośnych norm zharmonizowanych, które zastosowano, lub do innych specyfikacji technicznych, w stosunku do których deklarowana jest zgodność:

EN 301 489-1:V2.2.3 (2019-11)
EN 301 489-17:V3.2.4 (2020-09)
EN 300 328 V2.2.2 (2019-07)
EN 62311:2020
IEC 62133-2:2017
EN IEC 60079-0:2018
EN 60079-11:2012
EN 62368-1:2014 +A11:2017²

Jednostka notyfikowana SGS Fimko (0598) przeprowadziła badanie typu UE i wydała następujący certyfikat: SGS 21ATEX0009X

Informacje dodatkowe:

1. Tylko dla modelu with a pressure range >200bar (200 MPa)..
2. Tylko dla akcesorium IO610E-PSU.

Podpisano w imieniu Druck Limited.



J. MacGregor (Starszy kierownik ds. inżynierii)

Groby, piątek, 27 maja 2022

Miejsce i data wydania.

Declaração UE de Conformidade

Produto: DPI 610E

Nome e endereço do fabricante: Druck Limited
Fir Tree Lane, Groby, Leicester, LE6 0FH, RU.

A presente declaração de conformidade é emitida sob a exclusiva responsabilidade do fabricante:

Objeto da declaração: DPI 610E-SPC
DPI 610E-SHC

O objeto da declaração acima descrito está em conformidade com a legislação aplicável de harmonização da União:

2011/65/EU
2014/34/EU
2014/35/EU²
2014/53/EU
2014/68/EU¹

Referências às normas harmonizadas aplicáveis utilizadas ou às outras especificações técnicas em relação às quais é declarada a conformidade:

EN 301 489-1:V2.2.3 (2019-11)
EN 301 489-17:V3.2.4 (2020-09)
EN 300 328 V2.2.2 (2019-07)
EN 62311:2020
IEC 62133-2:2017
EN IEC 60079-0:2018
EN 60079-11:2012
EN 62368-1:2014 +A11:2017²

O organismo notificado, SGS Fimko (0598), efetuou um exame "UE de tipo" e emitiu o certificado: SGS 21ATEX0009X

Informações complementares:

1. Apenas para o modelo with a pressure range >200bar (200 MPa)..
2. Apenas para o acessório IO610E-PSU.

Assinado por e em nome de Druck Limited.



J. MacGregor (Gestor de engenharia sénior)

Groby, 27 de maio de 2022

Local e data de emissão.

Declarație UE de conformitate

Produsul: DPI 610E

Denumirea și adresa producătorului: Druck Limited
Fir Tree Lane, Groby, Leicester, LE6 0FH, UK.

Prezenta declarație de conformitate este emisă pe răspunderea exclusivă a producătorului.

Obiectul declarației: DPI 610E-SPC
DPI 610E-SHC

Obiectul declarației descris mai sus este în conformitate cu legislația relevantă de armonizare a Uniunii:

2011/65/EU
2014/34/EU
2014/35/EU²
2014/53/EU
2014/68/EU¹

Trimiteri la standardele armonizate relevante folosite sau trimiteri la celelalte specificații tehnice în legătură cu care se declară conformitatea:

EN 301 489-1:V2.2.3 (2019-11)
EN 301 489-17:V3.2.4 (2020-09)
EN 300 328 V2.2.2 (2019-07)
EN 62311:2020
IEC 62133-2:2017
EN IEC 60079-0:2018
EN 60079-11:2012
EN 62368-1:2014 +A11:2017²

Organismul notificat – SGS Fimko (0598) – a efectuat o examinare de tip UE și a emis certificatul: SGS 21ATEX0009X

Informații suplimentare:

1. Doar pentru modelul with a pressure range >200bar (200 MPa)..
2. Doar pentru accesoriul IO610E-PSU.

Semnat pentru și în numele Druck Limited.



J. MacGregor (Manager general inginerie)

Groby, vineri, 27 mai 2022

Locul și data emiterii.

EÚ Vyhlásenie o zhode

Výrobok: DPI 610E

Meno/názov a adresa výrobcu: Druck Limited
Fir Tree Lane, Groby, Leicester, LE6 0FH, Spojené
kráľovstvo.

Toto vyhlásenie o zhode sa vydáva na vlastnú zodpovednosť výrobcu.

Predmet vyhlásenia: DPI 610E-SPC
DPI 610E-SHC

Uvedený predmet vyhlásenia je v zhode s príslušnými
harmonizovanými právnymi predpismi Únie:

2011/65/EU
2014/34/EU
2014/35/EU²
2014/53/EU
2014/68/EU¹

Odkazy na príslušné použité harmonizované normy alebo
odkazy na iné technické špecifikácie, v súvislosti s ktorými
sa zhoda vyhlasuje:

EN 301 489-1:V2.2.3 (2019-11)
EN 301 489-17:V3.2.4 (2020-09)
EN 300 328 V2.2.2 (2019-07)
EN 62311:2020
IEC 62133-2:2017
EN IEC 60079-0:2018
EN 60079-11:2012
EN 62368-1:2014 +A11:2017²

Notifikovaný orgán SGS Fimko (0598) vykonal typovú
skúšku EÚ a vydal certifikát: SGS 21ATEX0009X

Doplňujúce informácie:

1. Len pre model with a pressure range >200bar (200 MPa)..
2. Len pre príslušenstvo IO610E-PSU.

Podpísané za a v mene Druck Limited.



J. MacGregor (Technický riaditeľ)

Groby, piatok 27. mája 2022

Miesto a dátum vydania.

Izjava EU o Skladnosti

Proizvod: DPI 610E

Ime in naslov proizvajalca: Druck Limited
Fir Tree Lane, Groby, Leicester, LE6 0FH, VB.

Za izdajo te izjave o skladnosti je odgovoren izključno proizvajalec.

Predmet izjave: DPI 610E-SPC
DPI 610E-SHC

Predmet navedene izjave je v skladu z ustrežno zakonodajo Unije o harmonizaciji:

2011/65/EU
2014/34/EU
2014/35/EU²
2014/53/EU
2014/68/EU¹

Sklicevanja na uporabljene ustrezne harmonizirane standarde ali sklicevanja na druge tehnične specifikacije v zvezi s skladnostjo, ki je navedena v izjavi:

EN 301 489-1:V2.2.3 (2019-11)
EN 301 489-17:V3.2.4 (2020-09)
EN 300 328 V2.2.2 (2019-07)
EN 62311:2020
IEC 62133-2:2017
EN IEC 60079-0:2018
EN 60079-11:2012
EN 62368-1:2014 +A11:2017²

Priglašeni organ SGS Fimko (0598) je izvedel EU-pregled tipa in izdal potrdilo: SGS 21ATEX0009X

Dodatne informacije:

1. Samo za model with a pressure range >200bar (200 MPa)..
2. Samo za dodatno opremo IO610E-PSU.

Podpisano za in v imenu Druck Limited.



J. MacGregor (Višji vodilni inženir)

Groby, petek, 27. maj 2022

Kraj in datum izdaje.

EU-försäkran om överensstämmelse

Produkt: DPI 610E

Tillverkarens namn och adress: Druck Limited
Fir Tree Lane, Groby, Leicester, LE6 0FH, UK.

Denna försäkran om överensstämmelse utfärdas på tillverkarens eget ansvar.

Föremål för försäkran: DPI 610E-SPC
DPI 610E-SHC

Föremålet för försäkran ovan överensstämmer med den relevanta harmoniserade unionslagstiftningen: 2011/65/EU
2014/34/EU
2014/35/EU²
2014/53/EU
2014/68/EU¹

Hänvisningar till de relevanta harmoniserade standarder som använts eller hänvisningar till de andra tekniska specifikationer enligt vilka överensstämmelsen försäkras: EN 301 489-1:V2.2.3 (2019-11)
EN 301 489-17:V3.2.4 (2020-09)
EN 300 328 V2.2.2 (2019-07)
EN 62311:2020
IEC 62133-2:2017
EN IEC 60079-0:2018
EN 60079-11:2012
EN 62368-1:2014 +A11:2017²

Det anmälda organet SGS Fimko (0598) genomförde en EU-typprovning och utfärdade certifikatet: SGS 21ATEX0009X

Ytterligare information:

1. Endast för modell with a pressure range >200bar (200 MPa)..
2. Endast för tillbehör IO610E-PSU.

Undertecknat för Druck Limited.



J. MacGregor (Senior Engineering Manager)

Groby, den 27 maj 2022

Ort och datum för utfärdande.

AB Uygunluk Beyanı

Ürün: DPI 610E
Üreticinin adı ve adresi: Druck Limited
Fir Tree Lane, Groby, Leicester, LE6 0FH, İngiltere.

Bu uygunluk beyanı yalnızca üreticinin sorumluluğu altında düzenlenmiştir.

Beyan konusu: DPI 610E-SPC
DPI 610E-SHC

Yukarıda açıklanan beyan konusu ürün, ilgili Avrupa Birliği uyum mevzuatına uygundur: 2011/65/EU
2014/34/EU
2014/35/EU²
2014/53/EU
2014/68/EU¹

Kullanılmış olan ilgili uyumlaştırılmış standartlar veya uygunluğu beyan edilen ürünle ilgili diğer teknik özellikler hakkındaki referanslar: EN 301 489-1:V2.2.3 (2019-11)
EN 301 489-17:V3.2.4 (2020-09)
EN 300 328 V2.2.2 (2019-07)
EN 62311:2020
IEC 62133-2:2017
EN IEC 60079-0:2018
EN 60079-11:2012
EN 62368-1:2014 +A11:2017²

Onaylı kuruluş SGS Fimko (0598) tarafından AB tip inceleme gerçekleştirilmiş ve şu sertifika düzenlenmiştir: SGS 21ATEX0009X

Ek bilgiler:

1. Yalnızca with a pressure range >200bar (200 MPa). modeli için.
2. Yalnızca IO610E-PSU aksesuarı için.

Druck Limited adına imzalanmıştır.



J. MacGregor (Mühendislik Birimi Kıdemli Müdürü)

Groby, 27 Mayıs 2022 Cuma

Düzenleme yeri ve tarihi.



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 BAS 21.0005X** Page 1 of 5 [Certificate history:](#)
Issue 0 (2022-04-21)

Status: **Current** Issue No: 1

Date of Issue: 2022-05-31

Applicant: **Druck Limited**
Fir Tree Lane
Groby
Leicestershire
LE6 0FH
United Kingdom

Equipment: **DPI610E-SPC (Pneumatic) and DPI610E-SHC (Hydraulic) Portable Pressure Calibrator**

Optional accessory:

Type of Protection: **Intrinsic Safety – “Ex i”**

Marking: **Ex ia IIC T4 Ga (-10°C ≤ Ta ≤ +50°C)**

Approved for issue on behalf of the IECEx
Certification Body:

Mr R S Sinclair

Position:

Technical Manager

Signature:
(for printed version)

Date:
(for printed version)

31/05/2022

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:

SGS Baseefa Limited
Rockhead Business Park
Staden Lane
Buxton, Derbyshire, SK17 9RZ
United Kingdom





IECEX Certificate of Conformity

Certificate No.: **IECEX BAS 21.0005X**

Page 2 of 5

Date of issue: 2022-05-31

Issue No: 1

Manufacturer: **Druck Limited**
Fir Tree Lane
Groby
Leicestershire
LE6 0FH
United Kingdom

Manufacturing
locations: **Druck Limited**
Fir Tree Lane
Groby
Leicestershire
LE6 0FH
United Kingdom

**Baker Hughes Sensing and
Inspection (Changzhou) Co Ltd**
No 8 Xihu Road
Jintong International Ind Park
Wujin High-Tech Industrial Zone
Changzhou
Jiangsu 213164
China

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 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

[IEC 60079-11:2011](#) Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

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/BAS/ExTR21.0008/00](#)

[GB/BAS/ExTR21.0008/01](#)

Quality Assessment Reports:

[GB/BAS/QAR06.0059/11](#)

[GB/BAS/QAR07.0044/09](#)



IECEX Certificate of Conformity

Certificate No.: **IECEX BAS 21.0005X**

Page 3 of 5

Date of issue: 2022-05-31

Issue No: 1

EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

The DPI610E is a portable pressure calibrator with commercial and hazardous area variants. The devices considered for hazardous areas are pressure calibrators for pneumatic and hydraulic processes. The different process mediums are identified in the part numbers as DPI610E-SPC (pneumatic) or DPI610E-SHC (hydraulic).

The pressure range covered by each model are -1 bar to 35 bar for the DPI610E-SPC and 0 bar to 1000 bar for the DPI610E-SHC model.

The electronics is housed within a PC/ABS enclosure with an overmould to help protect the equipment enclosure from damage. A glass touchscreen display is provided for display of data and parameter control. The enclosure is provided with an integral handle for transportation.

The equipment is provided with a pressure port to allow connection to the device under test and a manually operated pressure release port. The DPI610E-SPC has an additional port for a barometric sensor and the DPI610E-SHC has a port for connection of a fluid reservoir.

The DPI610E-SPC has a manually operated pump and a fine adjust for the generation and control of pressure. The DPI610E-SHC has a priming pump to facilitate bleeding of the pressure system and a pressure intensifier to generate the pressure.

The equipment is powered by a rechargeable battery pack that is to be charged only in safe areas. A button activated battery indicator is provided that, when depressed, lights several LED's that give an indication of the battery level. The charging socket rating of either $U_m = 18V$ or $U_m = 30V$ is marked on the equipment.

The USB connector is rated $U_m = 250V$ and is for use only in safe areas.

Continued on Page 4.

SPECIFIC CONDITIONS OF USE: YES as shown below:

1. The equipment must be charged in a non-hazardous area with an ambient temperature of $0^{\circ}C \leq T_{amb} \leq +45^{\circ}C$.
2. The RS485 connection must only be connected to certified passive accessories i.e. power derived from the DPI610E-IS only.
3. The USB connection is only for use in a non-hazardous area.
4. Where an alternative internal pressure sensor is used it must be a certified device and installed in accordance with the terminal parameters and any conditions of safe use applied to them.
5. Where a remote sensor is connected to Channel 2, the remote sensor must be disconnected from all other power sources.



IECEX Certificate of Conformity

Certificate No.: **IECEX BAS 21.0005X**

Page 4 of 5

Date of issue: 2022-05-31

Issue No: 1

Equipment (continued):

The RS485 connection may be used in hazardous areas but must only be connected to certified passive accessories. It has the entity parameters:

RS485 Interface Entity Parameter						
U _i	=	No Connection Permitted to Devices with Independent Power Source	U _o	=	6.3 V	
I _i	=		I _o	=	748 mA	
P _i	=		P _o	=	980 mW	
C _i	=		35.2 nF	C _o	=	15.4 μF
L _i	=		0 μH	L _o	=	17 μH

There are two measurement channels that share a common 0V and have their own separate entity parameters:

Channel 1 Measurement Terminals Entity Parameters					
U _i	=	30 V	U _o	=	6.3 V
I _i	=	450 mA	I _o	=	49 mA
P _i	=	1 W	P _o	=	77 mW
C _i	=	3.00 nF	C _o	=	30.0 nF
L _i	=	0 μH	L _o	=	7.40 mH

Channel 2 Measurement Terminals Entity Parameters					
U _i	=	30 V	U _o	=	25.2V
I _i	=	450 mA	I _o	=	141 mA
P _i	=	1 W	P _o	=	858 mW
C _i	=	11.22 nF	C _o	=	21.80 nF
L _i	=	0 μH	L _o	=	834 μH



IECEX Certificate of Conformity

Certificate No.: **IECEX BAS 21.0005X**

Page 5 of 5

Date of issue: 2022-05-31

Issue No: 1

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Variation 1.1

To permit minor corrections to the scheduled drawings to correct errors not affecting the previous assessment.

Variation 1.2

To permit minor editorial changes not affecting previous certification.

Variation 1.3

To permit a minor editorial change to the terminal parameters for Channel 2.

ExTR: **GB/BAS/ExTR21.0008/01**

File Reference: **21/0491**

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT
(IECEE) CB SCHEME

CB TEST CERTIFICATE

Product	Portable pressure and electrical calibrator
Name and address of the applicant	DRUCK Limited Fir Tree Lane, Groby, Leicester, Leicestershire, LE6 0FH United Kingdom
Name and address of the manufacturer	DRUCK Limited Fir Tree Lane, Groby, Leicester, Leicestershire, LE6 0FH United Kingdom
Name and address of the factory	<input checked="" type="checkbox"/> Additional information on page 2 DRUCK Limited Fir Tree Lane, Groby, Leicester, Leicestershire, LE6 0FH United Kingdom
Note: <i>When more than one factory, please report on page 2</i>	
Ratings and principal characteristics	7.4 Vdc, 3.92 Ah / 29.0 Wh (from battery pack) 11-16 Vdc, 36 W max (from PSU) Operating ambient temperature range for charging: 0 °C to 45 °C. Operating ambient temperature range for discharging: -10 °C to 50 °C.
Trademark (if any)	DRUCK
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	DPI 610E-PC, DPI 610E-SPC, DPI 610E-HPC, DPI 610E-SHC
Additional information (if necessary may also be reported on page 2)	<input type="checkbox"/> Additional information on page 2
A sample of the product was tested and found to be in conformity with	IEC 61010-1:2010, IEC 61010-1:2010/AMD1:2016 National differences: EU Group Differences Comments: EMT reference: GU-DRUQ-0009
As shown in the Test Report Ref. No. which forms part of this Certificate	TRA-053254-34-00A

This CB Test Certificate is issued by the National Certification Body

Element Materials Technology
Unit 1 Pendle Place, Skelmersdale, West Lancashire WN8 9PN, United Kingdom

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT
(IECEE) CB SCHEME

Additional factory

DRUCK Limited
Changzhou Building 9 Jintong International Industrial Park, No. 8 Xihu Road,
Wujin High-Tech Industrial Zone, Changzhou, Jiangsu 213164

This CB Test Certificate is issued by the National Certification Body

Element Materials Technology
Unit 1 Pendle Place, Skelmersdale, West Lancashire WN8 9PN, United Kingdom



GOVERNMENT APPROVED TEST LABORATORY
IN TERMS OF ARP 0108: "REGULATORY REQUIREMENTS FOR EXPLOSION PROTECTED APPARATUS"

IA CERTIFICATE

Date Issued: **14 Jun 2022**
*Expiry date: **14 Jun 2025**
Page 1 of 3
Issue: 0

Ex – Type Examination Certificate

Certificate Number: **S-XPL/22.0750 X**
Equipment: **Portable Pressure Calibrator**
Model / Type: **DPI610E-SPC (Pneumatic) and DPI610E-SHC (Hydraulic)**
Applicant: **Druck Limited**
Fir Tree Lane
GROBY
Leicestershire
LE6 0FH
UNITED KINGDOM
Manufacturer: **Druck Limited**
Serial No: All serial numbers imported between issued- and expire date and all serial numbers covered by a valid report or acceptable product certification mark.

Supplied by
Druck Limited
Identified by Inspection Authority number
S-XPL/22.0750 X

And as described in the Explolabs file number **XPL/22797/22.0750** is hereby certified "Explosion Protected (Refer to clause 1, for Ex Rating)", having been examined and inspected in accordance with the relevant requirements of South African Standards.

- SANS 60079-0: 2019 Ed 6** Explosive atmospheres Part 0: Equipment — General requirements
- IEC 60079-0: 2017 Ed 7**
- SANS 60079-11: 2012 Ed 4** Explosive atmospheres Part 11: Equipment protection by intrinsic safety "i"
- IEC 60079-11: 2011 Ed 6**

Risk of ignition provided:

Protection afforded	Equipment Protection Level (EPL)	Performance of protection	Conditions of operation	T class or Max Surface Temp (°C)
	Group			
Very high	Ga Group II	Two independent means of protection or safe even when two faults occur independently of each other	Equipment remains functioning in zones 0, 1 and 2	T4 (135°C)

This certification indicates compliance with R10.1 of the Mines Health and Safety Act and/or EMR 9(2) of the Occupational Health and Safety Act, provided that the apparatus is used as relevant in accordance with:

- i) SANS 10086 and IEC/SANS 61241-14 requirements as applicable;
- ii) Any conditions mentioned in the above report;
- iii) Any relevant requirements and codes of practice enforced in terms of the Mine Health and Safety Act or Occupational Health and Safety Act; and
- iv) Any restrictions and conditions enforced by the Chief Inspector of Mines or the Principal Inspector or the Chief Inspector: Occupational Health and Safety.
- v) A revision certificate replaces all previous version of the certificate.
- vi) * - Only covers equipment Imported between the "Issued" and "Expire" dates.
- vii) If and when your QAN (Quality Assurance Notification) Certificate for your equipment manufacturer expires during the valid period of the IA Certification (issued for your equipment) and a new certificate is not submitted the existing IA Certification will then be cancelled. It is thus the client's responsibility to always submit the updated and valid QAN certificate(s) to Explolabs (Pty) Ltd

1. GENERAL

The marking of the Portable Pressure Calibrator shall include the following:

Ex ia IIC T4 Ga (-10°C ≤ Ta ≤ +50°C)

The DPI610E is a portable pressure calibrator with commercial and hazardous area variants. The devices considered for hazardous areas are pressure calibrators for pneumatic and hydraulic processes. The different process mediums are identified in the part numbers as DPI610ESPC (pneumatic) or DPI610E-SHC (hydraulic).

The pressure range covered by each model are -1 bar to 35 bar for the DPI610E-SPC and 0 bar to 1000 bar for the DPI610E-SHC model.

The electronics is housed within a PC/ABS enclosure with an overmould to help protect the equipment enclosure from damage. A glass touchscreen display is provided for display of data and parameter control. The enclosure is provided with an integral handle for transportation.

The equipment is provided with a pressure port to allow connection to the device under test and a manually operated pressure release port.

The DPI610E-SPC has an additional port for a barometric sensor and the DPI610E-SHC has a port for connection of a fluid reservoir.

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The equipment is powered by a rechargeable battery pack that is to be charged only in safe areas. A button activated battery indicator is provided that, when depressed, lights several LED's that give an indication of the battery level. The charging socket rating of either $U_m = 18V$ or $U_m = 30V$ is marked on the equipment.

The USB connector is rated $U_m = 250V$ and is for use only in safe areas.

The RS485 connection may be used in hazardous areas but must only be connected to certified passive accessories. It has the entity parameters:

RS485 Interface Entity Parameter					
U _i	=	No Connection Permitted to Devices with Independent Power Source	U _o	=	6.3 V
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P _i	=		P _o	=	980 mW
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L _i	=	0 μH	L _o	=	17 μH

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C _i	=	3.00 nF	C _o	=	30.0 nF
L _i	=	0 μH	L _o	=	7.40 mH

Channel 2 Measurement Terminals Entity Parameters					
U _i	=	30 V	U _o	=	25.2 V
I _i	=	450 mA	I _o	=	141 mA
P _i	=	1 W	P _o	=	858 mW
C _i	=	11.22 nF	C _o	=	21.80 nF
L _i	=	0 μH	L _o	=	834 μH

Based on the following documentation: IECEx BAS 21.0005X Issue No.: 1

2. INSTALLATION INSTRUCTIONS

It is the manufacturer's responsibility to supply installation instructions with each unit offered for sale as required by IEC/SANS 60079-0 Clause 30.

3. SPECIAL CONDITIONS FOR SAFE USE (denoted by "X" after certificate number)

- i. The equipment must be charged in a non-hazardous area with an ambient temperature of $0^{\circ}\text{C} \leq T_{\text{amb}} \leq +45^{\circ}\text{C}$.
- ii. The RS485 connection must only be connected to certified passive accessories i.e. power derived from the DPI610E-IS only.
- iii. The USB connection is only for use in a non-hazardous area.
- iv. Where an alternative internal pressure sensor is used it must be a certified device and installed in accordance with the terminal parameters and any conditions of safe use applied to them.
- v. Where a remote sensor is connected to Channel 2, the remote sensor must be disconnected from all other power sources.

4. SCHEDULE OF LIMITATIONS (denoted by "U" after certificate number)

None.

5. CONDITIONS OF CERTIFICATION

All production units must be covered by a QAN (Quality Assurance Notification), Product Mark Scheme or batch evaluation.

6. MARKING

The following (or similar) information have to be clearly and permanently marked on all units:

Supplier : Druck Limited
Manufacturer : Druck Limited
Equipment : Portable Pressure Calibrator
Model/Type : DPI610E-SPC (Pneumatic) and DPI610E-SHC (Hydraulic)
Serial No. : ---
Ex Rating : Ex ia IIC T4 Ga ($-10^{\circ}\text{C} \leq T_{\text{a}} \leq +50^{\circ}\text{C}$)
IA Certificate No : S-XPL/22.0750 X

Responsible Testing Officer:



L Odendaal

Technical Specialist

EXPLOLABS EXPLOSION PREVENTION SERVICES

This report/certificate shall not be reproduced except in full without the written approval of the company Explolabs (Pty) Ltd shall not be liable for any losses or damages sustained on account of any failure or omission to properly perform our duties in terms of any contract undertaken by us. This disclaimer is immutable and automatically incorporated in any contract undertaken by us; notwithstanding anything to the contrary, save for the express written waiver of our managing director. By marking the equipment in accordance with the documentation/standard, the manufacturer attests on his own responsibility that the equipment has been constructed in accordance with the applicable requirements of the relevant standards and that the routine verifications and tests have been successfully completed and that the product complies with the documentation and standard(s). The contents of electronic reports/certificates cannot be guaranteed. Original certification documents will be kept on file at Explolabs (Pty) Ltd

