

DK

Særlige betingelser for egensikker installation - 5531
For installation i eksplosive støvmiljøer, skal LCD-instrumentet monteres på en sådan måde, at risikoen for mekanisk ødelæggelse er lav. Instrumenterne må kun anvendes i omgivelser, hvor UV-lys ikke kan påvirke de ikke-metalliske dele.
Elektrostatisk opladning af plastdisplayet og etiketten skal undgås.
Produktionsår fremgår af de to første cifre i serienummeret.

Ex-data - 5531:

Terminal 1 & 2
Ui 45 VDC
Ii 120 mADC
Pi 0,9 W
Li 0 mH
Ci 0 nF

ATEX 2014/34/EU:
5531A KEMA 05ATEX1044 X
II 3G Ex ic IIC T6 Gc, -20°C ≤ Ta ≤ +60°C
Anvendes i zone 2
5531B1 KEMA 05ATEX1044 X
II 3G Ex ic IIC T6 Gc, -20°C ≤ Ta ≤ +60°C
II 3D Ex ic IIIC T85°C Dc, -5°C ≤ Ta ≤ +60°C
Anvendes i zone 2 eller 22
5531B KEMA 05ATEX1105 X
II 2G Ex ia IIC T6 Gb, -20°C ≤ Ta ≤ +60°C
Anvendes i zone 1 eller 2
5531B2 KEMA 05ATEX1105 X
II 2G Ex ia IIC T6 Gb, -20°C ≤ Ta ≤ +60°C
II 2D Ex ia IIIC T85°C Db, -5°C ≤ Ta ≤ +60°C
Anvendes i zone 1, 2, 21 eller 22

UK

Special conditions for safe use - 5531
For applications in explosive dust atmospheres, the Loop Powered LCD Indicator shall be installed in such a way that the risk of mechanical danger is low, and that it shall be protected from exposure to UV light.
Electrostatic charging of the plastic display and the label shall be avoided.
Year of manufacture can be taken from the first two digits of the serial number.

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Ii 120 mADC
Pi 0.9 W
Li 0 mH
Ci 0 nF

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II 3G Ex ic IIC T6 Gc, -20°C ≤ Ta ≤ +60°C
Applicable in zone 2
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II 3G Ex ic IIC T6 Gc, -20°C ≤ Ta ≤ +60°C
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Applicable in zone 2 or 22
5531B KEMA 05ATEX1105 X
II 2G Ex ia IIC T6 Gb, -20°C ≤ Ta ≤ +60°C
Applicable in zone 1 or 2
5531B2 KEMA 05ATEX1105 X
II 2G Ex ia IIC T6 Gb, -20°C ≤ Ta ≤ +60°C
II 2D Ex ia IIIC T85°C Db, -5°C ≤ Ta ≤ +60°C
Applicable in zone 1, 2, 21 or 22

FR

Conditions spécifiques à l'installation de sécurité intrinsèque - 5531
Pour l'installation dans les atmosphères explosibles, l'indicateur de boucle doit être installé de manière à éviter les risques de dégâts mécaniques et de sorte que la lumière UV ne peut pas affecter les parties non métalliques.
Des charges électrostatiques sur l'affichage plastique et l'étiquette doivent être évitées.
L'année de production est définie grâce aux deux premiers chiffres du numéro de série.

Caractéristiques Ex - 5531:

Bornes 1 & 2
Ui 45 Vcc
Ii 120 mAcc
Pi 0,9 W
Li 0 mH
Ci 0 nF

ATEX 2014/34/EU:
5531A KEMA 05ATEX1044 X
II 3G Ex ic IIC T6 Gc, -20°C ≤ Ta ≤ +60°C
Applicable en zone 2
5531B1 KEMA 05ATEX1044 X
II 3G Ex ic IIC T6 Gc, -20°C ≤ Ta ≤ +60°C
II 3D Ex ic IIIC T85°C Dc, -5°C ≤ Ta ≤ +60°C
Applicable en zone 2 ou 22
5531B KEMA 05ATEX1105 X
II 2G Ex ia IIC T6 Gb, -20°C ≤ Ta ≤ +60°C
Applicable en zone 1 ou 2
5531B2 KEMA 05ATEX1105 X
II 2G Ex ia IIC T6 Gb, -20°C ≤ Ta ≤ +60°C
II 2D Ex ia IIIC T85°C Db, -5°C ≤ Ta ≤ +60°C
Applicable en zone 1, 2, 21 ou 22

DE

Richtlinien zur eigensicherer Anwendung - 5531
Für Installation in explosionsgefährdeten Staub-Luft Bereichen, müssen das LCD Messgerät so montiert werden, dass wenig Risiko mechanischen Schäden besteht. Das Gerät darf nur in Umgebungen benötigt werden, wo die UV-Beleuchtung die nichtmetallischen Bestandteile nicht beeinflussen kann.
Elektrostatische Aufladung der Kunststoff-Display und dem Etikett muss vermieden werden.
Die ersten beiden Ziffern der Seriennummer zeigen das Herstellungsjahr.

Ex-Daten - 5531:

Klemme 1 & 2
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Ii 120 mADC
Pi 0,9 W
Li 0 mH
Ci 0 nF

ATEX 2014/34/EU:
5531A KEMA 05ATEX1044 X
II 3G Ex ic IIC T6 Gc, -20°C ≤ Ta ≤ +60°C
Anwendung in Zone 2
5531B1 KEMA 05ATEX1044 X
II 3G Ex ic IIC T6 Gc, -20°C ≤ Ta ≤ +60°C
II 3D Ex ic IIIC T85°C Dc, -5°C ≤ Ta ≤ +60°C
Anwendung in Zone 2 oder 22
5531B KEMA 05ATEX1105 X
II 2G Ex ia IIC T6 Gb, -20°C ≤ Ta ≤ +60°C
Anwendung in Zone 1 oder 2
5531B2 KEMA 05ATEX1105 X
II 2G Ex ia IIC T6 Gb, -20°C ≤ Ta ≤ +60°C
II 2D Ex ia IIIC T85°C Db, -5°C ≤ Ta ≤ +60°C
Anwendung in Zone 1, 2, 21 oder 22

EU DECLARATION OF CONFORMITY

(5531DoC_102)



As manufacturer

PR electronics A/S, Lerbakken 10, DK-8410 Rønde

hereby declares that the following products:

Type: 5531
Name: Loop-powered LCD indicator
From serial no.: 161923070

is in conformity with the following directives and standards:

The EMC Directive 2014/30/EU and later amendments

EN 61326-1 : 2013

Immunity test requirements for equipment intended to be used in an industrial electromagnetic environment. For specification of the acceptable EMC performance level, refer to the electrical specifications for the device.

The ATEX Directive 2014/34/EU and later amendments

EN 60079-0 : 2009, EN 60079-11 : 2007 and EN 60079-26 : 2007
ATEX certificate: KEMA 05ATEX1044 X (5531A/B1)
ATEX certificate: KEMA 05ATEX1105 X (5531B/B2)

No changes are required to enable compliance with the replacement standards:

EN 60079-0 : 2012 + A11 : 2013 and EN 60079-11 : 2012

ATEX notified body (type approval)

DEKRA Certification B.V.
Meander 1051, 6825 MJ Arnhem
P.O. Box 5185, 6802 ED Arnhem
The Netherlands

The RoHS2 Directive 2011/65/EU and later amendments

EN 50581 : 2012

Notified body 0344

DEKRA Certification B.V.
Meander 1051, 6825 MJ Arnhem
P.O. Box 5185, 6802 ED Arnhem
The Netherland

Rønde, 8 December 2017

Stig Lindemann, CTO
Manufacturer's signature

EU DECLARATION OF CONFORMITY

(5714DoC_102)



As manufacturer

PR electronics A/S, Lerbakken 10, DK-8410 Rønde

hereby declares that the following products:

Type: 5714
Name: Programmable LED indicator
From serial no.: 161855696

is in conformity with the following directives and standards:

The EMC Directive 2014/30/EU and later amendments

EN 61326-1 : 2013

Immunity test requirements for equipment intended to be used in an industrial electromagnetic environment. For specification of the acceptable EMC performance level, refer to the electrical specifications for the device.

The Low Voltage Directive 2014/35/EU and later amendments

EN 61010-1 : 2010

The RoHS2 Directive 2011/65/EU and later amendments

EN 50581 : 2012

Rønde, 8 December 2017

Stig Lindemann, CTO
Manufacturer's signature

DICHIARAZIONE UE DI CONFORMITÀ

(5715DoC_102)



Come produttore

PR electronics A/S, Lerbakken 10, DK-8410 Rønde

qui di seguito dichiara che il seguente prodotto:

Tipo: 5715
 Nome: Indicatore programmabile a LED
 Dal no. di serie: 161855030

è conforme alle seguenti normative e standard:

La direttiva EMC 2014/30/UE ed emendamenti successivi

EN 61326-1 : 2013

Resistenza alle interferenze in conformità ai requisiti per i dispositivi destinati all'uso in ambito industriale. Per ulteriori dettagli sui livelli di prestazione accettabili per EMC, fare riferimento alle specifiche elettriche del modulo.

La direttiva "Bassa Tensione" 2014/35/UE ed emendamenti successivi

EN 61010-1 : 2010

La direttiva RoHS2 2011/65/UE ed emendamenti successivi

EN 50581 : 2012

Rønde, 8 dicembre 2017

Stig Lindemann, CTO
Firma del produttore

EU DECLARATION OF CONFORMITY

(5725DoC_102)



As manufacturer

PR electronics A/S, Lerbakken 10, DK-8410 Rønde

hereby declares that the following products:

Type: 5725
Name: Programmable frequency indicator
From serial no.: 161690004

is in conformity with the following directives and standards:

The EMC Directive 2014/30/EU and later amendments

EN 61326-1 : 2013

Immunity test requirements for equipment intended to be used in an industrial electromagnetic environment. For specification of the acceptable EMC performance level, refer to the electrical specifications for the device.

The Low Voltage Directive 2014/35/EU and later amendments

EN 61010-1 : 2010

The RoHS2 Directive 2011/65/EU and later amendments

EN 50581 : 2012

Rønde, 8 December 2017

Stig Lindemann, CTO
Manufacturer's signature