



# 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.

## 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  
Applicable 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  
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 affectuer les parties non métalliques. Des charges électrostatiques sur l'affichage plastique et l'étiquette doivent être évitées. L'année de production est définie grace 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/UE:  
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 UVBeleuchtung 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  
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  
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

## ECLARATION OF CONFORMITY

(5531DoC\_101)

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.: 150802000**

is in conformity with the following directives and standards:

The EMC Directive and later amendments  
until 2016.04.19: 2004/108/EC  
from 2016.04.20: 2014/30/EU  
**EN 61326-1 : 2013**

For specification of the acceptable EMC performance level, refer to the electrical specifications for the device.

The ATEX Directive and later amendments  
until 2016.04.19: 94/9/EC

from 2016.04.20: 2014/34/EU

**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 and EN 60079-11 : 2012**

Notified body:

**DEKRA Certification B.V. (0344)**  
**Utrechtseweg 310, 6812 AR Arnhem**  
**P.O. Box 5185, 6802 ED Arnhem**  
**The Netherlands**

The RoHS2 Directive 2011/65/EU

**The product has been manufactured according to Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment.**

Rønde, 29 March 2016



Stig Lindemann, CTO  
Manufacturer's signature

## DECLARATION OF CONFORMITY

(5714DoC\_101)

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.: 150802000**

is in conformity with the following directives and standards:

The EMC Directive and later amendments  
until 2016.04.19: 2004/108/EC  
from 2016.04.20: 2014/30/EU  
**EN 61326-1 : 2013**

For specification of the acceptable EMC performance level, refer to the electrical specifications for the device.

The Low Voltage Directive and later amendments  
until 2016.04.19: 2006/95/EC

from 2016.04.20: 2014/35/EU

**EN 61010-1 : 2010**

The RoHS2 Directive 2011/65/EU

**The product has been manufactured according to Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment.**

Rønde, 29 March 2016



Stig Lindemann, CTO  
Manufacturer's signature

## DECLARATION OF CONFORMITY

(5715DoC\_101)

As manufacturer

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

hereby declares that the following products:

**Type: 5715**  
**Name: Programmable LED indicator**  
**From serial no.: 150802000**

is in conformity with the following directives and standards:

The EMC Directive and later amendments  
until 2016.04.19: 2004/108/EC  
from 2016.04.20: 2014/30/EU  
**EN 61326-1 : 2013**

For specification of the acceptable EMC performance level, refer to the electrical specifications for the device.

The Low Voltage Directive and later amendments  
until 2016.04.19: 2006/95/EC

from 2016.04.20: 2014/35/EU

**EN 61010-1 : 2010**

The RoHS2 Directive 2011/65/EU

**The product has been manufactured according to Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment.**

Rønde, 29 March 2016



Stig Lindemann, CTO  
Manufacturer's signature

## DECLARATION OF CONFORMITY

(5725DoC\_101)

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.: 150802000**

is in conformity with the following directives and standards:

The EMC Directive and later amendments  
until 2016.04.19: 2004/108/EC  
from 2016.04.20: 2014/30/EU  
**EN 61326-1 : 2013**

For specification of the acceptable EMC performance level, refer to the electrical specifications for the device.

The Low Voltage Directive and later amendments  
until 2016.04.19: 2006/95/EC

from 2016.04.20: 2014/35/EU

**EN 61010-1 : 2010**

The RoHS2 Directive 2011/65/EU

**The product has been manufactured according to Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment.**

Rønde, 29 March 2016



Stig Lindemann, CTO  
Manufacturer's signature