

ATEX Installation drawing 5531QA02-V4R0

Installation instructions:

Year of manufacture can be taken from the first two digits of the serial number.

Prior to the commissioning of the device, this installation guide must be examined carefully.

The 5531 module is maintenance free after installation. When installed by means of the red brackets, torque shall be between 0.1 and 0.2 Nm.

In case of failure or damage to the enclosure the module must immediately be removed from hazardous area and returned for repair at PR electronics A/S Lerbakken 10, 8410 Roende Denmark.

When using 2-wire cables between barrier and transmitter, terminal 3 and 4 may be used for easy installation as seen in installation drawing.

WARNING
SYSTEM 5700 devices contain no DIP-switches or jumpers. Configuration is carried out from front. SYSTEMS 5500 and 5700 must be mounted in a cabinet ensuring IP54 protection degree of internal electronics.

Specific conditions for safe use
Precautions shall be taken to minimize the risk from electrostatic discharge at the non-metallic enclosure surface.

ATEX Installation drawing 5531QA02-V4R0

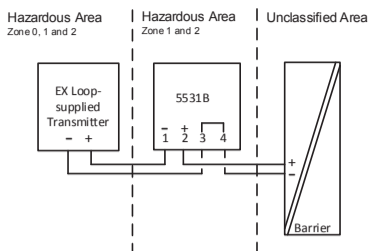
Installation instructions:

ATEX Certificate DEKRA 05ATEX 1105X
Standards: EN IEC 60079-0:2018, EN 60079-11:2012

Ex ia Installation

For safe installation of the 5531B the following must be observed.

Marking (-20°C ≤ Ta ≤ 60°C) II 2 G Ex ia IIC T4 Gb (5531B)



Terminal	1, 2, 3 and 4
Ui	45 VDC
Ii	120 mA
Pi	0.9 W
Li	0 mH
Ci	0 nF

ATEX Installation drawing 5531QA02-V4R0

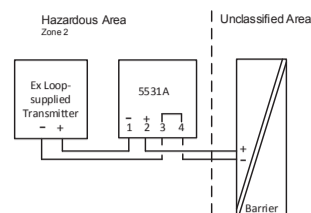
Installation instructions:

ATEX Certificate DEKRA 05ATEX 1044X
Standards: EN IEC 60079-0:2018, EN 60079-11:2012

Ex ic Installation

For safe installation of the 5531A the following must be observed.

Marking (-20°C ≤ Ta ≤ 60°C) II 3 G Ex ic IIC T4 Gc (5531A)



Terminal	1, 2, 3 and 4
Ui	45 VDC
Ii	120 mA
Pi	0.9 W
Li	0 mH
Ci	0 nF

- DK** PR 5715 set fra fronten.
- FR** Face avant du PR 5715.
- UK** Front of PR 5715.
- DE** Frontseite der PR 5715.



- DK** PR 5715 set fra bagsiden.
- FR** Face arrière du PR 5715.
- UK** Back of PR 5715.
- DE** Rückseite der PR 5715.



IECEx Installation drawing 5531QI02-V3R0

Installation instructions:

Prior to the commissioning of the device, this installation guide must be examined carefully.

The 5531 module is maintenance free after installation. When installed by means of the red brackets, torque shall be between 0.1 and 0.2 Nm.

In case of failure or damage to the enclosure the module must immediately be removed from hazardous area and returned for repair at PR electronics A/S Lerbakken 10, 8410 Roende Denmark.

When using 2-wire cables between barrier and transmitter, terminal 3 and 4 may be used for easy installation as seen in installation drawing.

WARNING
SYSTEM 5700 devices contain no DIP-switches or jumpers. Configuration is carried out from front. SYSTEMS 5500 and 5700 must be mounted in a cabinet ensuring IP54 protection degree of internal electronics.

Specific conditions for safe use
Precautions shall be taken to minimize the risk from electrostatic discharge at the non-metallic enclosure surface.

IECEx Installation drawing 5531QI02-V3R0

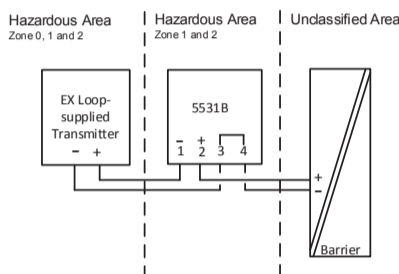
Installation instructions:

IECEx Certificate IECEx DEK 24.0002X
Standards: IEC 60079-0:2017, IEC 60079-11:2011

Ex ia Installation

For safe installation of the 5531B the following must be observed.

Marking (-20°C ≤ Ta ≤ 60°C) Ex ia IIC T4 Gb (5531B)



Terminal	1, 2, 3 and 4
Ui	45 VDC
Ii	120 mADC
Pi	0.9 W
Li	0 mH
Ci	0 nF

IECEx Installation drawing 5531QI02-V3R0

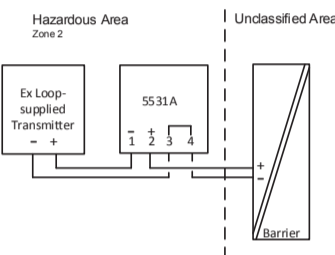
Installation instructions:

IECEx Certificate IECEx DEK 24.0002X
Standards: IEC 60079-0:2017, IEC 60079-11:2011

Ex ic Installation

For safe installation of the 5531A the following must be observed.

Marking (-20°C ≤ Ta ≤ 60°C) Ex ic IIC T4 Gc (5531A)



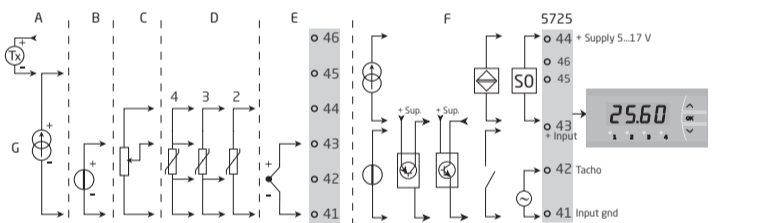
Terminal	1, 2, 3 and 4
Ui	45 VDC
Ii	120 mADC
Pi	0.9 W
Li	0 mH
Ci	0 nF

- DK** A = Produktnummer
B = Egetforbrug
C = Max. forbrug
- FR** A = Numéro de produit
B = Consommation interne
C = Consommation max.
- UK** A = Product number
B = Internal consumption
C = Max. consumption
- DE** A = Produktnummer
B = Eigenverbrauch
C = Max. Verbrauch

	A	5714A	5714B	5714C	5714D
A	5714A	5714B	5714C	5714D	
B	2.2 W	2.7 W	2.7 W	3.2 W	
C	2.5 W	3.0 W	3.0 W	3.5 W	

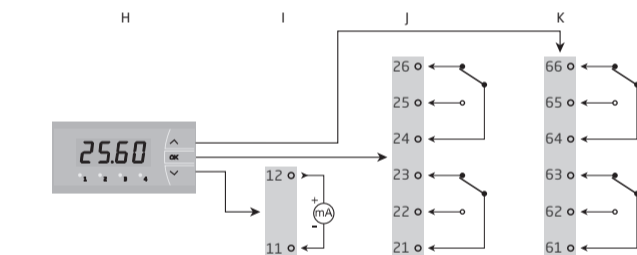
	A	5715B	5715D	5715D-SW	5725A	5725D
A	5715B	5715D	5715D-SW	5725A	5725D	
B	3.0 W	3.5 mA	3.5 mA	2.5 W	3.3 W	
C	3.3 W	3.8 W	3.8 W	2.8 W	3.6 W	

- DK** Indgangssignaler
- UK** Input signals
- FR** Signaux d'entrée
- DE** Eingangssignale



	DK	UK	FR	DE	5714	5715	5715D-SW	5725
A	2-trådstransmitter	2-wire transmitter	Transmetteur 2-fils	2-Draht-Messumformer	x	x	x	
B	Spænding	Voltage	Tension	Spannung	x	x		
C	Potentiometer	Potentiometer	Potentiomètre	Potentiometer	x	x		
D	RTD / Ohm	RTD / Ohm	RTD / Ohm	WTH / Ohm	x	x	x	
E	TC	TC	TC	TE	x	x	x	
F	Impuls	Pulse	Impulsions	Impuls				x
G	Strøm	Current	Courant	Strom	x	x	x	

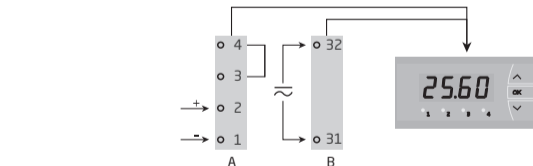
- DK** Udgangssignaler
- UK** Output signals
- FR** Signaux de sortie
- DE** Ausgangssignale



	DK	UK	FR	DE	5531	5714	5715	5715D-SW	5725
H	Display	Display	Affichage	Anzeige	x	x	x	x	x
I	Strøm	Current	Courant	Strom	x	x	x	x	x
J	2 relæer	2 relays	2 relais	2 Relais	x				x
J+K	4 relæer	4 relays	4 relais	4 Relais			x	x	

- DK** Forsyning
- UK** Supply
- FR** Alimentation
- DE** Versorgung

	5531	5714	5715	5715D-SW	5725
A	4...20 mA	x			
B	21.6...253 VAC / 19.2...300 VDC	x	x	x	x



- DK** Programmering af 5531 - DP 1
- UK** Programming of 5531 - DP 1
- FR** Configuration du 5531 - DP 1
- DE** Programmierung von 5531 - DP 1

	A	SW ON	SW OFF
B	2	-	-
C	3	2	
D	-	2, 3	

	E	SW ON	SW OFF
F	-	1	-

	DK	UK	FR	DE
A	Baggrundsbelysning	Backlight	Rétro-éclairage	Hintergrundbeleuchtung
B	Ingen	Off	0% d'intensité	Ohne Hintergrundbeleuchtung
C	Halv intensitet	Half intensity	50% d'intensité	Halbe Hintergrundbeleuchtung
D	Fuld intensitet	Full intensity	100% d'intensité	Volle Hintergrundbeleuchtung
E	Fronttaster	Front keyboard	Commande face avant	Fronttasten
F	Taster er låst	Keys locked	Commandes verrouillées	Tasten sind gesperrt
G	Taster er IKKE låst	Keys NOT locked	Commandes NON verrouillées	Tasten sind NICHT gesperrt

- DK** Kina RoHS
- UK** China RoHS
- FR** RoHS chinois
- DE** China-RoHS

Part Name	Hazardous Substances					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr (VI))	Polybrominated biphenyls (PBB)	Polybrominated diphenyl ethers (PBDE)
Printed circuit board	X	0	0	0	0	0

This table is prepared in accordance with the provisions of SJ/T 11364
O: Indicates that said hazardous substance contained in all of the homogeneous materials for this part is below the limit requirement of GB/T 26572.
X: Indicates that said hazardous substance contained in at least one of the homogeneous materials used for this part is above the limit requirement of GB/T 26572.

The product's Environmentally Friendly Use Period (EFUP) is 50 years

- DK** Sideskilt
- UK** Side label
- FR** Etiquette
- DE** Typenschild

PR 5715D
PR electronics A/S
Lerbakken 10, 8410 Roende, Denmark
pr@pr-electronics.com, www.pr-electronics.com
Phone +45 8637 2677 87156603 TAG.

Attention: Read Manual before installation / operation.
For Type 45 use the manual level installation operation.
Équipement de contrôle industriel. Pour les utilisations de type 45.

41: 4w / 3w / 2w / ITC - I/Pot.1 / mA- / V-
42: 4w / 3w
43: 4w / 3w / ITC+ / I/Pot.2 / V+
44: 4w / 3w / 2w / I/Pot.3 / mA+ / Loop+
45:
46:
11: OutGnd.
12: + Inut

21: Rel. 1 Com.
22: Rel. 1 N.O.
23: Rel. 1 N.C.
24: Rel. 2 Com.
25: Rel. 2 N.O.
26: Rel. 2 N.C.
61: Rel. 3 Com.
62: Rel. 3 N.O.
63: Rel. 3 N.C.
64: Rel. 4 Com.
65: Rel. 4 N.O.
66: Rel. 4 N.C.

Input: Fac 7 Output: Fac 8 Display: Fac 11

PR 5715D-SW
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pr@pr-electronics.com, www.pr-electronics.com
Phone +45 8637 2677 8715D-096101 TAG.

Attention: Read Manual before installation / operation.
For Type 45 use the manual level installation operation.
Équipement de contrôle industriel. Pour les utilisations de type 45.

41: 4w / 3w / 2w / ITC - I/Pot.1 / mA- / V-
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43: 4w / 3w / ITC+ / I/Pot.2 / V+
44: 4w / 3w / 2w / I/Pot.3 / mA+ / Loop+
45:
46:
11: OutGnd.
12: + Inut

21: Rel. 1 Com.
22: Rel. 1 N.O.
23: Rel. 1 N.C.
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25: Rel. 2 N.O.
26: Rel. 2 N.C.
61: Rel. 3 Com.
62: Rel. 3 N.O.
63: Rel. 3 N.C.
64: Rel. 4 Com.
65: Rel. 4 N.O.
66: Rel. 4 N.C.

Input: Fac 7 Output: Fac 9 Display: Fac 11

Part Number: SW Version: CRC ID: 5715D-SW S-57146215P 0x0347 S-57146221P 0x1116

5715D-SW

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65: Rel. 4 N.O.
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Input: Fac 7 Output: Fac 8 Display: Fac 11

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