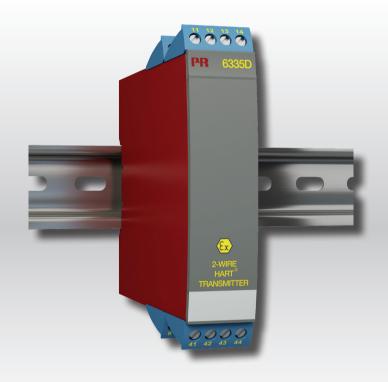
Product manual 6335 2-wire HART transmitter





















TEMPERATURE | I.S. INTERFACES | COMMUNICATION INTERFACES | MULTIFUNCTIONAL | ISOLATION | DISPLAY

No. 6335V112-UK

Serial no.: 150951186-210934336



6 Product Pillars to meet your every need

Individually outstanding, unrivalled in combination

With our innovative, patented technologies, we make signal conditioning smarter and simpler. Our portfolio is composed of six product areas, where we offer a wide range of analog and digital devices covering over a thousand applications in industrial and factory automation. All our products comply with or surpass the highest industry standards, ensuring reliability in even the harshest of environments and have a 5-year warranty for greater peace of mind.



Our range of temperature transmitters and sensors provides the highest level of signal integrity from the measurement point to your control system. You can convert industrial process temperature signals to analog, bus or digital communications using a highly reliable point-to-point solution with a fast response time, automatic self-calibration, sensor error detection, low drift, and top EMC performance in any environment.



We deliver the safest signals by validating our products against the toughest safety standards. Through our commitment to innovation, we have made pioneering achievements in developing I.S. interfaces with SIL 2 Full Assessment that are both efficient and cost-effective. Our comprehensive range of analog and digital intrinsically safe isolation barriers offers multifunctional inputs and outputs, making PR an easy-to-implement site standard. Our backplanes further simplify large installations and provide seamless integration to standard DCS systems.



We provide inexpensive, easy-to-use, future-ready communication interfaces that can access your PR installed base of products. All the interfaces are detachable, have a built-in display for readout of process values and diagnostics, and can be configured via push-buttons. Product specific functionality includes communication via Modbus and Bluetooth and remote access using our PR Process Supervisor (PPS) application, available for iOS and Android.



Our unique range of single devices covering multiple applications is easily deployable as your site standard. Having one variant that applies to a broad range of applications can reduce your installation time and training, and greatly simplify spare parts management at your facilities. Our devices are designed for long-term signal accuracy, low power consumption, immunity to electrical noise and simple programming.



Our compact, fast, high-quality 6 mm isolators are based on microprocessor technology to provide exceptional performance and EMC-immunity for dedicated applications at a very low total cost of ownership. They can be stacked both vertically and horizontally with no air gap separation between units required.



Our display range is characterized by its flexibility and stability. The devices meet nearly every demand for display readout of process signals, and have universal input and power supply capabilities. They provide a real-time measurement of your process value no matter the industry, and are engineered to provide a user-friendly and reliable relay of information, even in demanding environments.

2-wire HART transmitter 6335

Table of contents

Application	4
Technical characteristics	4
Mounting / installation	4
Applications	4
Order	5
Electrical specifications	5
Accessories	5
Connections	8
Block diagram	ç
Programming	ç
Connection of transmitters in multidrop mode	11
ATEX Installation Drawing - 6335A	12
ATEX Installation Drawing - 6335D	14
IECEx Installation Drawing - 6335A	16
IECEx Installation Drawing - 6335D	18
CSA Installation Drawing - 6335A	20
CSA Installation Drawing - 6335D	22
FM Installation Drawing - 6335D	24
Document history	26

2-wire HART transmitter 6335

- RTD, TC, Ohm, or mV input
- Extremely high measurement accuracy
- HART communication
- Galvanic isolation
- 1- or 2-channel version

Application

- Linearized temperature measurement with Pt100...Pt1000, Ni100...Ni1000, TC or sensor.
- Difference or average temperature measurement of 2 resistance or TC sensors.
- Conversion of linear resistance variation to a standard analog current signal, for instance from valves or Ohmic level sensors.
- Amplification of a bipolar mV signal to a standard 4...20 mA current signal.
- Connection of up to 15 channels to a digital 2-wire signal with HART communication.

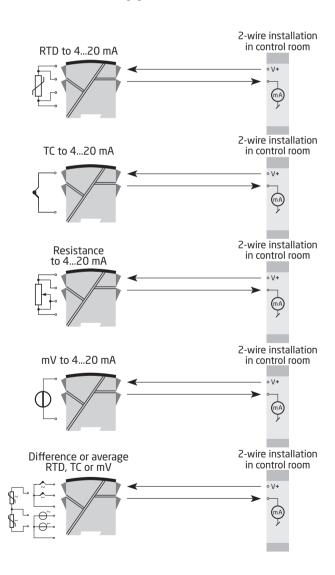
Technical characteristics

- Within a few seconds the user can program PR6335 to measure temperatures within all ranges defined by the norms.
- The RTD and resistance inputs have cable compensation for 2-, 3- and 4-wire connection.
- The 6335 has been designed according to strict safety requirements and is thus suitable for application in SIL installations.
- A limit can be programmed on the output signal.
- Continuous check of vital stored data for safety reasons.
- Sensor error detection according to the guidelines in NAMUR NE 89.

Mounting / installation

- Mounted vertically or horizontally on a DIN rail. Using the 2-channel version up to 84 channels per metre can be mounted.
- Configuration via standard HART communication interfaces or by PR 5909 Loop Link.
- The 6335A can be mounted in zone 2, 22 / Class I, Division 2, Groups A, B, C, D.
- The 6335D can be mounted in zone 0, 1, 2 and zone 20, 21, 22 including M1 / Class I/II/ III, Division 1, Groups A, B, C, D.

Applications



Туре	Version		Galvanic isolation		Channels	
6335	Zone 2, 22 / Div. 2 Zone 0, 1, 2, 20, 21, 22, M1 / DIV. 1, DIV. 2	: A : D	1500 VAC	: 2	Single Double	: A : B

Accessories

5909 = Loop Link USB interface 5910 / 5910Ex = CJC connector for channel 1 5913 / 5913Ex = CJC connector for channel 2

Electrical specifications

Environmental conditions:

Mechanical specifications:

Common specifications:

Supply voltage, DC

6335A..... 8.0...35 VDC 6335D..... 8.0...30 VDC

Internal power dissipation

Programming Loop Link & HART

Signal / noise ratioMin. 60 dBResponse time (programmable)1...60 sEEprom error check< 10 s</td>Signal dynamics, input22 bitSignal dynamics, output16 bit

Accuracy, the greater of general and basic values:

General values				
Input type	Absolute accuracy	Temperature coefficient		
All	≤ ±0.05% of span	≤ ±0.005% of span / °C		

Basic values			
Input type	Basic accuracy	Temperature coefficient	
Pt100 / Pt1000	≤ ±0.1°C	≤ ±0.005°C/°C	
Ni100	≤ ±0.2°C	≤ ±0.005°C/°C	
Lin. R	≤ ±0.1 Ω	≤ ±5 mW / °C	
Volt	≤ ±10 µV	≤ ±0.5 µV / °C	
TC type: E, J, K, L, N, T, U	≤ ±0.5°C	≤ ±0.025°C / °C	
TC type: B, R, S, W3, W5	≤ ±1°C	≤ ±0.1°C / °C	

EMC - immunity influence	
Extended EMC immunity:	
NAMUR NE 21, A criterion, burst < ±1% of span	

Electrical specifications, inputs:

RTD and linear resistance input:

	RTD	Min.	Max.	Min.	
	type	value	value	span	Standard
	Pt100	-200°C	+850°C	10°C	IEC 60751
١	Ni100	-60°C	+250°C	10°C	DIN 43760
١	Lin. R	0 Ω	7000 Ω	25 Ω	

(up to 50Ω per wire is possible with reduced measurement accuracy)

Sensor error detection Yes

TC inputs:

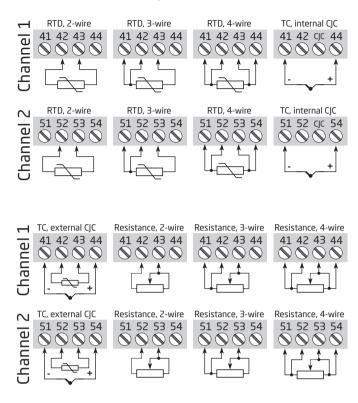
Te inputs.				
	Min.	Max.	Min.	
Туре	temperature	temperature	span	Standard
В	+400°C	+1820°C	100°C	IEC584
E	-100°C	+1000°C	50°C	IEC584
J	-100°C	+1200°C	50°C	IEC584
K	-180°C	+1372°C	50°C	IEC584
L	-100°C	+900°C	50°C	DIN 43710
N	-180°C	+1300°C	50°C	IEC584
R	-50°C	+1760°C	100°C	IEC584
S	-50°C	+1760°C	100°C	IEC584
T	-200°C	+400°C	50°C	IEC584
U	-200°C	+600°C	50°C	DIN 43710
W3	0°C	+2300°C	100°C	ASTM E988-90
W5	0°	+2300°C	100°C	ASTM E988-90

Sensor error detection Yes Sensor error current: Voltage inputs: Output: **Current output:** (660 ms for diff.) Sensor error detection: (shorted sensor error detection is ignored at TC and mV input) Of span = Of the presently selected range Approvals: Ex / I.S.: ATEX KEMA 09ATEX0148 X IECEx..... IECEx KEM 10.0084 X FM FM17US0013X EAC Ex RU C-DK.GB08.V.00410 Functionel safety:

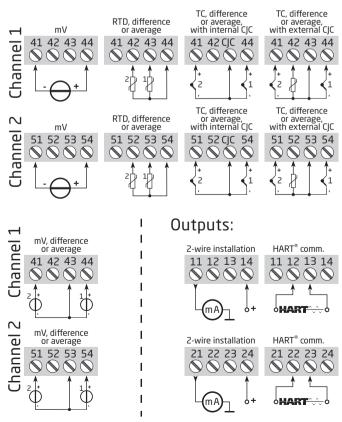
Hardware assessed for use in SIL applications FMEDA-report - www.prelectronics.com

Connections

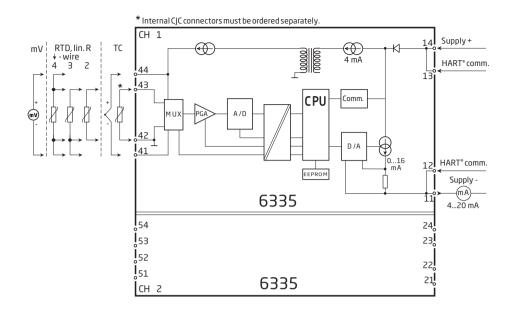
Inputs:



Inputs:



Block diagram



Programming

6335 can be configured in the following 3 ways:

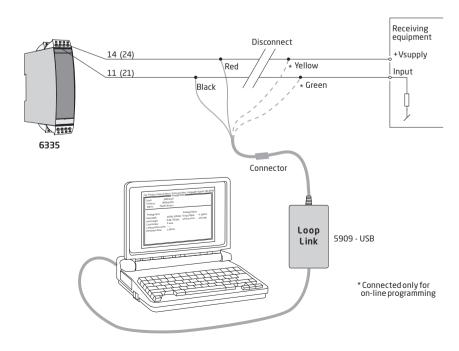
- 1. With PR electronics A/S' communications interface Loop Link and PReset PC configuration software.
- 2. With a HART modem and PReset PC configuration software.
- 3. With a HART communicator with PR electronics A/S' DDL driver.

1: Loop Link

For programming please refer to the drawing below and the help functions in PReset.

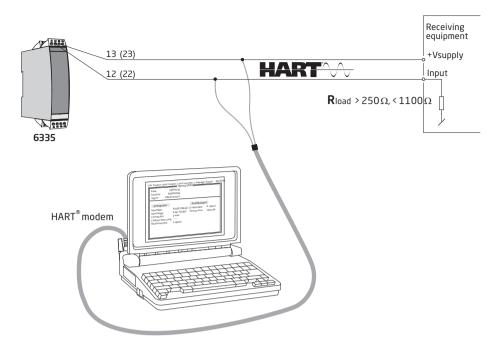
When communicating with non-installed devices, connectors 11, 12, 13, 14 (channel 1) and 21, 22, 23, 24 (channel 2) can be dismantled in the safe area to connect the terminals of the communications interface to the pins.

Loop Link is not approved for communication with devices installed in hazardous (Ex) area.



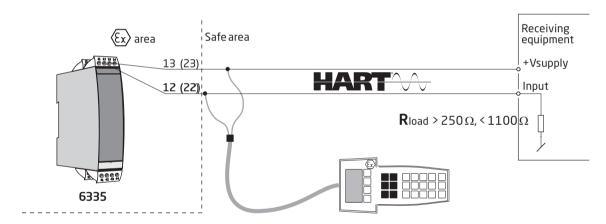
2: HART modem

For programming please refer to the drawing below and the help functions in PReset.



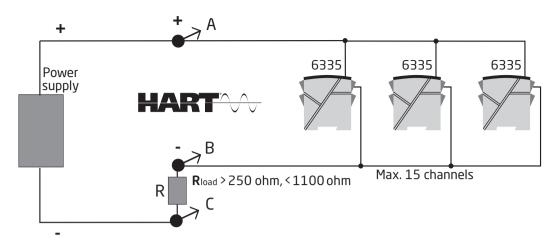
3: HART communicator

For programming please refer to the drawing below. To get access to productspecific commands, the HART communicator must be loaded with the PR electronics A/S DDL driver. This can be ordered either at the HART Communication Foundation or PR electronics A/S.



Connection of transmitters in multidrop mode

The HART communicator or a PC modem can be connected accross AB or BC.



- The outputs of max. 15 transmitters can be conected in parallel for a digital HART communication on 2-wires.
- Before it is connected, each transmitter must be configured with a unique number from 1 to 15. If 2 transmitters are configured with the same number, both will be excluded. The transmitters must be programmed for multidrop mode (with a fixed output signal of 4 mA). Maximum current in the loop is therefore 60 mA.
- The communication is either by means of a HART communicator or a HART modem.
- The PReset PC configuration software can configure the individual transmitter for multidrop mode and provide it with a unique polling address.



WWW.PRELECTRONICS.COM

ATEX Installation drawing



For safe installation of 6335A or 6337A the following must be observed. The module shall only be Installed by qualified personnel who are familiar with the national and international laws, directives and standards that apply to this area.

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

ATEX Certificate KEMA 09ATEX0148X

Marking II 3 G Ex nA [ic] IIC T6..T4 Gc

II 3 G Ex ic IIC T6..T4 Gc

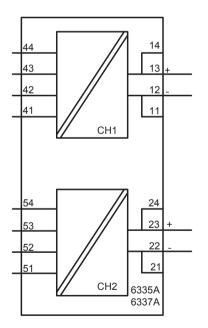
Standards EN 60079-0 :2012, EN 60079-11:2012, EN 60079-15:2010

T6: -40°C to 60 °C Hazardous Area Zone 2 or Zone 22

Terminal: 41,42,43,44 / 51,52,53,54

T4: -40°C to 85 °C

Ex nA [ic] Uo: 9.6 VDC lo: 28 mA Po: 67.2 mW Lo: 45 mH Co: 28 µF



Terminal: 11,12,13,14 21,22,23,24

Ex nA Umax ≤ 35 VDC

Ex ic Ui = 35 VDC Li = 10 µH Ci = 1.0 nF

Revision date: Version Revision Page: 2014-06-20 V5R0 1/2



WWW.PRELECTRONICS.COM

General installation instructions

To avoid risk of ignition during installation and maintenance appropriate safety measures against electrostatic discharge (ESD) are to be considered.

The sensor circuit is not infallibly galvanic isolated from the supply output circuit. However, the galvanic isolation between the circuits is capable of withstanding a test voltage of 500Vac during 1 minute.

For installation in a potentialy explosive gas atmosphere, the following instructions apply: If the transmitter is applied in type of protection "Ex nA", it shall be installed in an enclosure that is Ex nA certified according to IEC-EN 60079-15, or "Ex e" certified and suitable for the application and correctly installed.

Cable entry devices and blanking elements shall fulfill the same requirements

For installation in a potentially explosive dust atmposphere, the following instructions apply: If the transmitter is supplied with an intrinsically safe signal "ic" and interfaces an intrinsically safe signal "ic" (e.g. a passive device), the transmitter shall be mounted in a metal enclosure that provides a degree of protection of at least IP6X according to EN/IEC 60529, and that is suitable for the application. Cable entry devices and blanking elements shall fulfill the same requirements. The surface temperature of the enclosure is equal to the ambient temperature +20K for a dust layer with a maximum thickness of 5 mm.

.

Revision date: Version Revision Page: 2014-06-20 V5R0 2/2



WWW.PRELECTRONICS.COM

ATEX Installation drawing



For safe installation of 6335D or 6337D the following must be observed. The module shall only be Installed by qualified personnel who are familiar with the national and international laws, directives and standards that apply to this area.

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

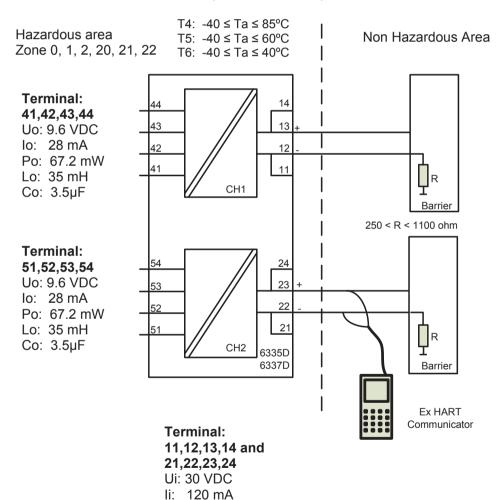
ATEX Certificate KEMA 09ATEX 0148 X

Marking

 $\langle \epsilon_{x} \rangle$

II 1G Ex ia IIC T6..T4 Ga II 1D Ex ia IIIC Da I M 1 Ex ia I Ma

Standards EN60079-0:2012, EN60079-11:2012, EN60079-26:2007



Revision date: Version Revision 0Page: 2014-06-20 V4R0 1/2

Pi: 0.84 W Li: 10μH Ci: 1.0nF



WWW.PRELECTRONICS.COM

General installation instructions

To avoid risk of ignition during installation and maintenance appropriate safety measures against electrostatic discharge (ESD) are to be considered.

The sensor circuit is not infallibly galvanic isolated from the supply output circuit. However, the galvanic isolation between the circuits is capable of withstanding a test voltage of 500Vac during 1 minute.

For installation in a potentially explosive gas atmosphere the following instructions apply:

To avoid risk of ignition due to electrostatic discharge (ESD) the transmitter shall be mounted in an enclosure providing a degree of protection of at least IP20 according to EN/IFC 60529

Ambient temperature range:

T4: $-40 \le Ta \le 85^{\circ}C$ T5: $-40 \le Ta \le 60^{\circ}C$ T6: $-40 \le Ta \le 40^{\circ}C$

For installation in a potentially explosive dust atmosphere, the following instructions apply:

The transmitter shall be mounted in a metal enclosure or equivalent that is providing a degree of protection of at least IP6X according to EN/IEC 60529 that is suitable for the application and correctly installed. Cable entries and blanking elements shall be used that are suitable for the application and correctly installed. The surface temperature of the enclosure is equal to the ambient temperature +20K for a dust layer with a maximum thickness of 5 mm. Ambient temperature range:

T4: -40 ≤ Ta ≤ 85°C

For installation in a potentially explosive atmosphere in mines, the following instructions apply: The transmitter shall be mounted in an enclosure providing a degree of protection of at least IP6X according to EN/IEC 60529. Cable entries and blanking elements shall be used that are suitable for the application and correctly installed.

Ambient temperature range:

T4: -40 ≤ Ta ≤ 85°C

Revision date: Version Revision 0Page: 2014-06-20 V4R0 2/2

WWW.PRELECTRONICS.COM

IECEx Installation drawing

For safe installation of 6335A or 6337A the following must be observed. The module shall only be installed by qualified personnel who are familiar with the national and international laws, directives and standards that apply to this area.

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

IECEx Certificate IECEx KEM.10.0084X

Marking Ex nA [ic] IIC T6..T4 Gc

Ex ic IIC T6..T4 Gc Ex ic IIIC Dc

Standards IEC60079-0: 2011, IEC60079-11:2011, IEC60079-15:2010

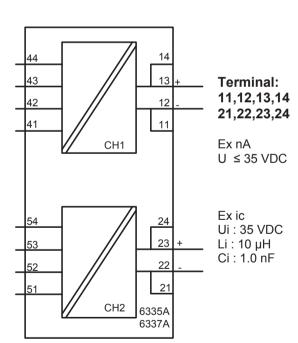
T6: -40°C to 60 °C T4: -40°C to 85 °C

Hazardous Area Zone 2 or Zone 22

Terminal: 41,42,43,44 / 51,52,53,54

Ex nA [ic]

Uo: 9.6 VDC lo: 28 mA Po: 67.2 mW Lo: 35 mH Co: 3.5 μF



Revision date: Version Revision Page: 2014-06-20 V4R0 1/2



WWW.PRELECTRONICS.COM

General installation instructions

If the enclosure is made of non-metallic materials or of painted metal, electrostatic charging shall be avoided.

The sensor circuit is not infallibly galvanic isolated from the supply output circuit. However, the galvanic isolation between the circuits is capable of withstanding a test voltage of 500Vac during 1 minute.

For installation in a potentialy explosive gas atmosphere, the following instructions apply:

If the transmitter is applied in type of protection "Ex nA", it shall be installed in an enclosure that is Ex nA certified according to IEC-EN 60079-15, or "Ex e" certified and suitable for the application and correctly installed.

Cable entry devices and blanking elements shall fulfill the same requirements

For installation in a potentially explosive dust atmposphere, the following instructions apply: If the transmitter is supplied with an intrinsically safe signal "ic" and interfaces an intrinsically safe signal "ic" (e.g. a passive device), the transmitter shall be mounted in a metal enclosure that provides a degree of protection of at least IP6X according to EN/IEC 60529, and that is suitable for the application. Cable entry devices and blanking elements shall fulfill the same requirements. The surface temperature of the enclosure is equal to the ambient temperature +20K for a dust layer with a maximum thickness of 5 mm.

Revision date: Version Revision Page: 2014-06-20 V4R0 2/2



WWW.PRELECTRONICS.COM

IECEx Installation drawing



For safe installation of 6335D or 6337D the following must be observed. The module shall only be installed by qualified personnel who are familiar with the national and international laws, directives and standards that apply to this area.

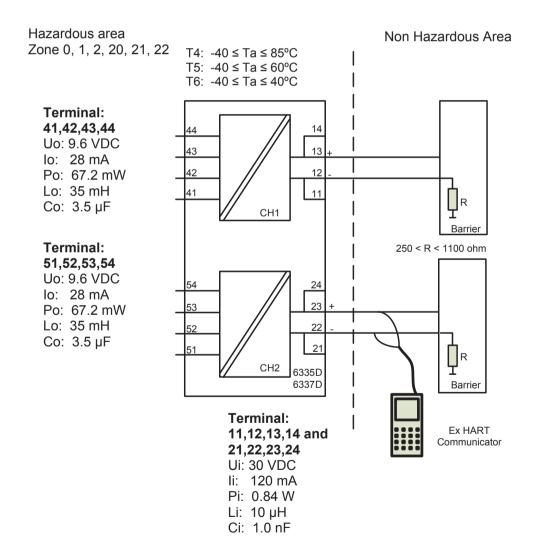
Year of manufacture can be taken from the first two digits in the serial number.

IECEx Certificate IECEx KEM.10.0084X

Marking Ex ia IIC T6..T4 Ga

Ex ia IIIC Da Ex ia I Ma

Standards: IEC60079-0:2011, IEC60079-11: 2011, IEC60079-26:2006



Revision date: Version Revision Page: 2014-06-20 V4R0 1/2



WWW.PRELECTRONICS.COM

General installation instructions

To avoid risk of ignition during installation and maintenance appropriate safety measures against electrostatic discharge (ESD) are to be considered.

The sensor circuit is not infallibly galvanic isolated from the supply output circuit. However, the galvanic isolation between the circuits is capable of withstanding a test voltage of 500Vac during 1 minute.

For installation in a potentially explosive gas atmosphere the following instructions apply:

To avoid risk of ignition due to electrostatic discharge (ESD) the transmitter shall be mounted in an enclosure providing a degree of protection of at least IP20 according to EN/IEC 60529.

Ambient temperature range:

T4: -40 ≤ Ta ≤ 85°C T5: -40 ≤ Ta ≤ 60°C T6: -40 ≤ Ta ≤ 40°C

For installation in a potentially explosive dust atmosphere, the following instructions apply:

The transmitter shall be mounted in a metal enclosure or equivalent that is providing a degree of protection of at least IP6X according to EN/IEC 60529 that is suitable for the application and correctly installed. Cable entries and blanking elements shall be used that are suitable for the application and correctly installed. The surface temperature of the enclosure is equal to the ambient temperature +20K for a dust layer with a maximum thickness of 5 mm. Ambient temperature range:

T4: -40 ≤ Ta ≤ 85°C

For installation in a potentially explosive atmosphere in mines, the following instructions apply: The transmitter shall be mounted in an enclosure providing a degree of protection of at least IP6X according to EN/IEC 60529. Cable entries and blanking elements shall be used that are suitable for the application and correctly installed.

Ambient temperature range:

T4: -40 ≤ Ta ≤ 85°C

 Revision date:
 Version Revision
 Page:

 2014-06-20
 V4R0
 2/2



CSA Installation drawing 6337QC02

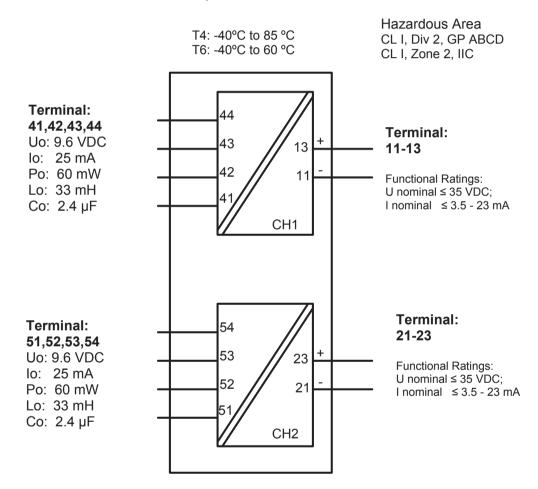
LERBAKKEN 10, 8410 RØNDE DENMARK.

WWW.PRELECTRONICS.COM

For safe installation of the single channel 6335A2A, 6337A2A or the two channel 6335A2B, 6337A2B the following must be observed. The module shall only be installed by qualified personnel who are familiar with the national and international laws, directives and standards that apply to this area.

Marking

Class I, Division 2, Group A,B,C,D T4..T6 Class I Zone 2 Ex/AEx nA[ic] IIC T4..T6 Class I Zone 2 Ex/AEx nA IIC T4..T6 NIFW Class I Division 2, Group A,B,C,D





CSA Installation drawing 6337QC02

LERBAKKEN 10, 8410 RØNDE DENMARK.

WWW.PRELECTRONICS.COM

NI Installation instructions

The transmitter must be installed in an enclosure providing a degree of protection of at least IP54 according to IEC60529 that is suitable for the application and is correctly installed. Cable entry devices and blanking elements shall fulfill the same requirements.

If the enclosure is made of non-metallic materials or of painted metal, electrostatic charging shall be avoided.

Use supply wires with a rating of at least 5 K above the ambient temperature. Supply from a Class 2 Power Supply with Transient protection or equivalent.

WARNING: Substitution of components may impair suitability for Class I, Division 2. AVERTISSEMENT: la substitution de composants peut nuire à l'aptitude à la Classe I, Division 2.

WARNING: Do not disconnect equipment unless power has been switched off or the area is known to be safe.

AVERTISSEMENT: Ne débranchez pas l'équipement sauf si l'alimentation a été coupée ou si la zone est connue pour être sûre.

Non Incendive field wiring installation

The non incendive field Wiring Circuit concept allows interconnection of Nonincendive Field wiring Apparatus with Associated Nonincendive Field Wiring Apparatus or Associated Intrinsically Safe Apparatus or Associated Apparatus not specially examined in combination as a system using any of the wiring methods permitted for unclassified locations,

Voc < Vmax, Ca ≥ Ci + Ccable , La ≥ Li + Lcable.



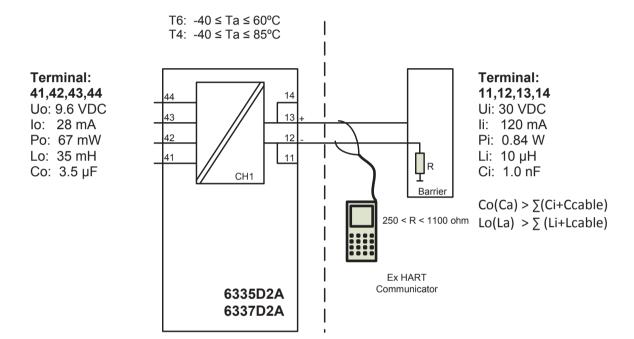
CSA Installation drawing 6335QC02

LERBAKKEN 10, 8410 RØNDE DENMARK.

WWW.PRELECTRONICS.COM

Hazardous (Classified) Location IS,Class I, Division 1, Group A,B,C,D T4..T6 Ex ia IIC T4..T6 Ga Class I, Zone 0, AEx ia IIC T4..T6 Ga

Non Hazardous Location



Installation notes.

The Transmitter must be installed in a suitable enclosure to meet installation codes stipulated in The Canadian Electrical Code (CEC).

Substitution of components may impair intrinsic safety.

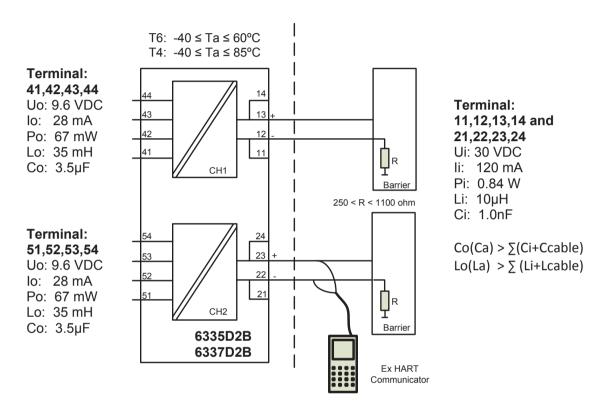


CSA Installation drawing 6335QC02

LERBAKKEN 10, 8410 RØNDE DENMARK.

WWW.PRELECTRONICS.COM

Hazardous (Classified) Location IS,Class I, Division 1, Group A,B,C,D T4..T6 Ex ia IIC T4..T6 Ga Class I, Zone 0, AEx ia IIC T4..T6 Ga Non Hazardous Location



Installation notes.

The Transmitter must be installed in a suitable enclosure to meet installation codes stipulated in The Canadian Electrical Code (CEC).

Channel 1 and Channel 2 are separate channels and therefore separate shielded cables shall be used for each channel.

Substitution of components may impair intrinsic safety.

23



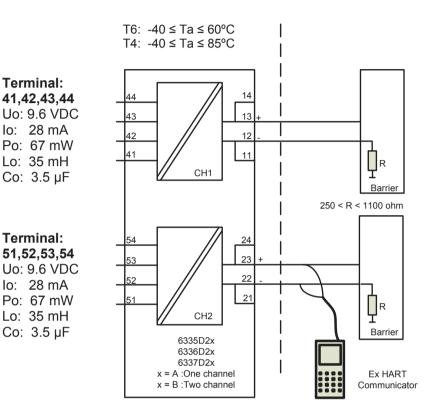
FM Installation drawing 6335QF01

LERBAKKEN 10, 8410 RØNDE DENMARK.

WWW.PRELECTRONICS.COM

Hazardous (Classified) Location Class I, Division 1, Group A,B,C,D T4..T6 Class I, Zone 0, AEx ia IIC T4..T6

Non Hazardous Location



Terminal: 11,12,13,14 and 21,22,23,24

Ui: 30 VDC Ii: 120 mA Pi: 0.84 W Li: 10 μH Ci: 1.0 nF

Installation notes

For installation in Class I the Transmitter must be installed in a suitable enclosure to meet installation codes stipulated in The National Electrical Code (ANSI-NFPA 70).

Equipment that is FM-approved for intrinsic safety may be connected to barriers based on the Entity Concept. This concept permits interconnection of approved transmitters, meters and other devices in combinations, which have not been specifically examined by FM, provided that the agency's criteria are met. The combination is then intrinsically safe, if the entity concept is acceptable to the authority having jurisdiction over the installation.

The entity concept criteria are as follows: The intrinsically safe devices, other than barriers, must not be a source of power. The maximum voltage $Ui(V_{MAX})$ and current $Ii(I_{MAX})$, and maximum power Pi(Pmax), which the device can receive and remain intrinsically safe, must be equal to or greater than the voltage (Uo or V_{OC} or V_t) and current (Io or I_{SC} or I_t) and the power Po which can be delivered by the barrier. The sum of the maximum unprotected capacitance (C_i) for each intrinsically device and the interconnecting wiring must be less than the capacitance (C_a) which can be safely connected to the barrier. The sum of the maximum unprotected inductance (L_i) for each intrinsically device and the interconnecting wiring must be less than the inductance (L_a) which can be safely connected to the barrier. The entity parameters Uo, V_{OC} or V_t and Io, I_{SC} or I_t , and C_a and L_a for barriers are provided by the barrier manufacturer.

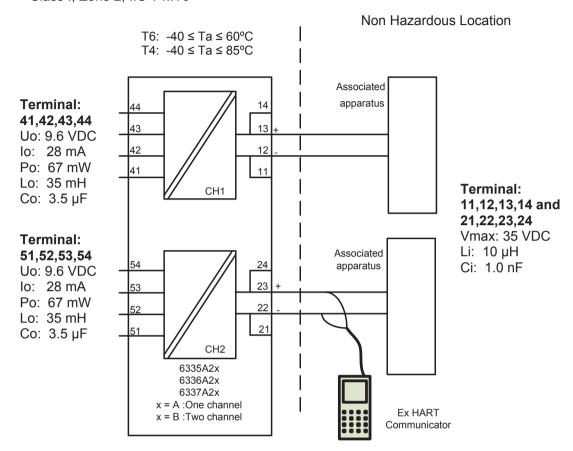
Revision date: Version Revision Page: 2014-09-16 V6R0 1/2

FM Installation drawing 6335QF01

LERBAKKEN 10, 8410 RØNDE DENMARK.

WWW.PRELECTRONICS.COM

Hazardous (Classified) Location Class I, Division 2, Group A,B,C,D T4..T6 Class I, Zone 2, IIC T4..T6



Installation notes

The Transmitter must be installed in a suitable enclosure to meet installation codes stipulated in The National Electrical Code (ANSI-NFPA 70).

To assure a Non-Incendive system the transmitter and associated apparatus must be wired in accordance with the associated apparatus manufacturers field wiring instructions and the circuit diagram shown above.

25

Document history

The following list provides notes concerning revisions of this document.

Rev. ID	Date	Notes
111	15/50	ATEX & IECEx M1 approval added.
112	19/45	CSA approval for 6335A received. Installation
		drawing added.
		FM certificate no updated.

We are near you, all over the world

Our trusted red boxes are supported wherever you are

All our devices are backed by expert service and a 5-year warranty. With each product you purchase, you receive personal technical support and guidance, day-to-day delivery, repair without charge within the warranty period and easily accessible documentation.

We are headquartered in Denmark, and have offices and authorized partners the world over. We are a local business with a global reach. This means that we are always nearby and know your local markets well.

We are committed to your satisfaction and provide PERFORMANCE MADE SMARTER all around the world.

For more information on our warranty program, or to meet with a sales representative in your region, visit prelectronics.com.

Benefit today from PERFORMANCE MADE SMARTER

PR electronics is the leading technology company specialized in making industrial process control safer, more reliable and more efficient. Since 1974, we have been dedicated to perfecting our core competence of innovating high precision technology with low power consumption. This dedication continues to set new standards for products communicating, monitoring and connecting our customers' process measurement points to their process control systems.

Our innovative, patented technologies are derived from our extensive R&D facilities and from having a great understanding of our customers' needs and processes. We are guided by principles of simplicity, focus, courage and excellence, enabling some of the world's greatest companies to achieve PERFORMANCE MADE SMARTER.