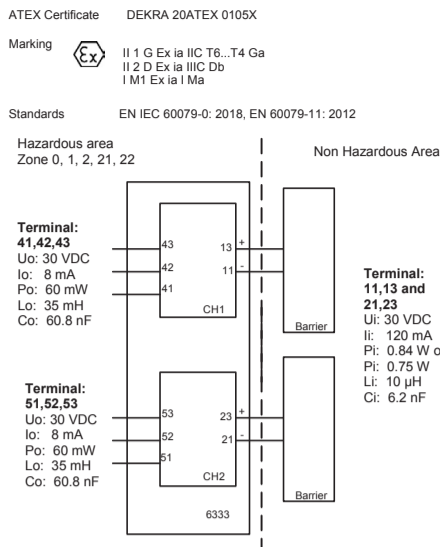


ATEX-installation drawing 6333QA01-V3R0

For safe installation of 6333Bxx 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.

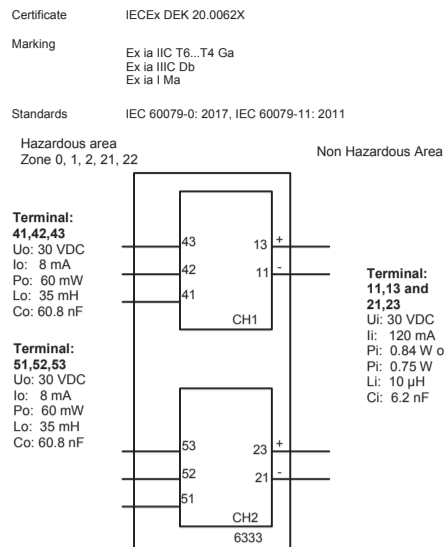


Temperature Class	Ambient temperature range	
	Pi: 0.84 W	Pi: 0.75 W
T6	-40°C to +40°C	-40°C to +45°C
T5	-40°C to +55°C	-40°C to +60°C
T4	-40°C to +85°C	-40°C to +85°C

Installation notes: If the enclosure is made of non-metallic plastic materials, electrostatic charges on the transmitter enclosure shall be avoided. If the transmitter is installed in an explosive atmosphere requiring the use of equipment protection level Ga, the transmitter shall be mounted in an enclosure that provides a degree of protection of at least IP20 according to EN 60529, and that is suitable for the application and correctly installed. ... For an ambient temperature >= 60°C, heat resistant cables shall be used with a rating of at least 20 K above the ambient temperature.

IECEx-installation drawing 6333QI01-V2R0

For safe installation of 6333Bxx 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.

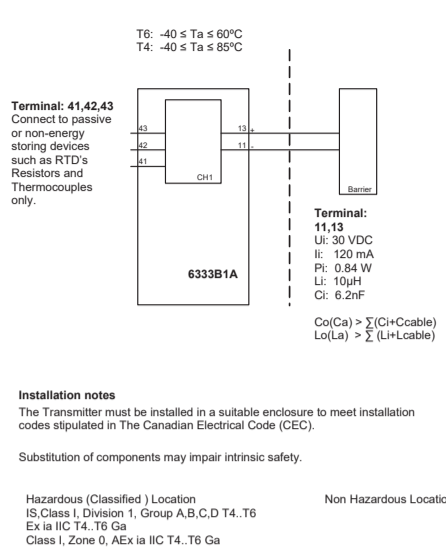


Temperature Class	Ambient temperature range	
	Pi: 0.84 W	Pi: 0.75 W
T6	-40°C to +40°C	-40°C to +45°C
T5	-40°C to +55°C	-40°C to +60°C
T4	-40°C to +85°C	-40°C to +85°C

Installation notes: If the enclosure is made of non-metallic plastic materials, electrostatic charges on the transmitter enclosure shall be avoided. If the transmitter is installed in an explosive atmosphere requiring the use of equipment protection level Ga, the transmitter shall be mounted in an enclosure that provides a degree of protection of at least IP20 according to IEC 60529, and that is suitable for the application and correctly installed. ... For an ambient temperature >= 60°C, heat resistant cables shall be used with a rating of at least 20 K above the ambient temperature.

CSA Installation drawing 6333QC01-V1R0

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.

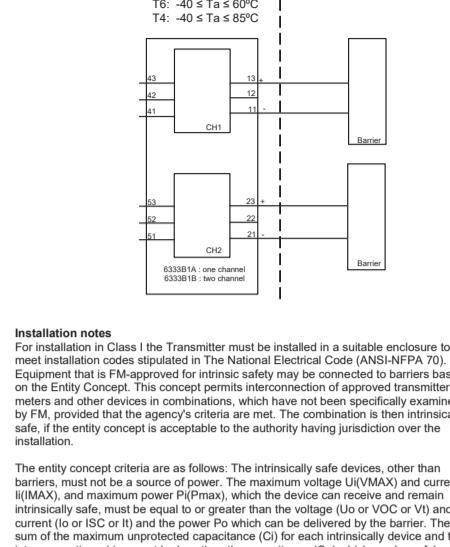


Temperature Class	Ambient temperature range	
	Pi: 0.84 W	Pi: 0.75 W
T6	-40°C to +40°C	-40°C to +45°C
T5	-40°C to +55°C	-40°C to +60°C
T4	-40°C to +85°C	-40°C to +85°C

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. 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.

FM Installation drawing 6333QF01-V1R0

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.

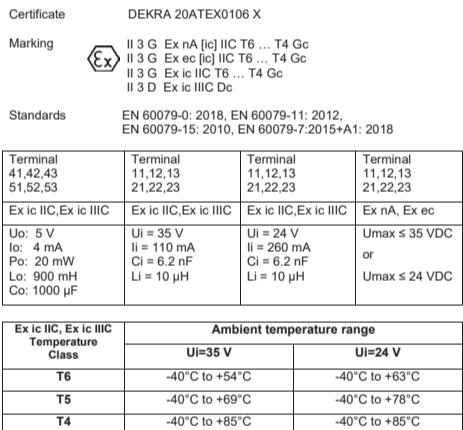


Temperature Class	Ambient temperature range	
	Pi: 0.84 W	Pi: 0.75 W
T6	-40°C to +40°C	-40°C to +45°C
T5	-40°C to +55°C	-40°C to +60°C
T4	-40°C to +85°C	-40°C to +85°C

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 Entry 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 entry 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 (Uo/VOC or Vt) and current (Io or ISC or Ii) and the power Po which can be delivered by the barrier. The sum of the maximum unprotected capacitance (Co) for each intrinsically safe device and the interconnecting wiring must be less than the capacitance (Ca) which can be safely connected to the barrier. ... 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.

ATEX-installation drawing 6333QA02-V3R0

For safe installation of 6333A 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.

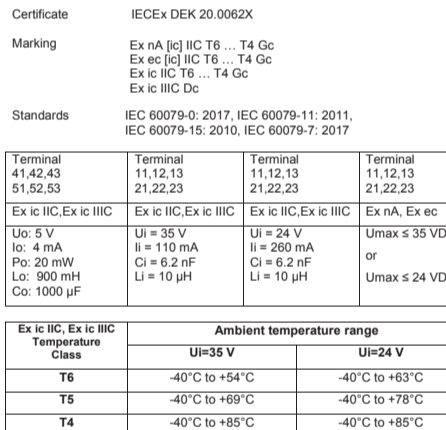


Ex ic IIC, Ex ic IIIC Temperature Class	Ambient temperature range	
	Ui=35 V	Ui=24 V
T6	-40°C to +54°C	-40°C to +63°C
T5	-40°C to +69°C	-40°C to +78°C
T4	-40°C to +85°C	-40°C to +85°C

Installation notes: If the enclosure is made of non-metallic plastic materials, electrostatic charges on the transmitter enclosure shall be avoided. If the transmitter is installed in an explosive atmosphere requiring the use of equipment protection level Gc and applied in type of protection Ex ic, the transmitter shall be mounted in an enclosure that provides a degree of protection of at least IP20 according to EN 60529, and that is suitable for the application and correctly installed. ... If the transmitter is installed in an explosive atmosphere requiring the use of equipment protection level Gc and applied in type of protection Ex nA or Ex ec, the equipment shall only be used in an area of not more than pollution degree 2, as defined in EN 60664-1.

IECEx-installation drawing 6333QI02-V2R0

For safe installation of 6333A 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.

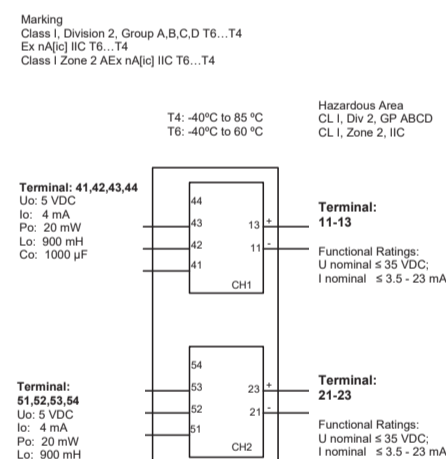


Ex ic IIC, Ex ic IIIC Temperature Class	Ambient temperature range	
	Ui=35 V	Ui=24 V
T6	-40°C to +54°C	-40°C to +63°C
T5	-40°C to +69°C	-40°C to +78°C
T4	-40°C to +85°C	-40°C to +85°C

Installation notes: If the enclosure is made of non-metallic plastic materials, electrostatic charges on the transmitter enclosure shall be avoided. If the transmitter is installed in an explosive atmosphere requiring the use of equipment protection level Gc and applied in type of protection Ex ic, the transmitter shall be mounted in an enclosure that provides a degree of protection of at least IP20 according to IEC 60529, and that is suitable for the application and correctly installed. ... If the transmitter is installed in an explosive atmosphere requiring the use of equipment protection level Gc and applied in type of protection Ex nA or Ex ec, the equipment shall only be used in an area of not more than pollution degree 2, as defined in IEC 60664-1.

CSA Installation drawing 6333QC02-V2R0

For safe installation of the single channel 6333A1A or the two channel 6333A1B 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.



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 kV 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.

EU DECLARATION OF CONFORMITY

As manufacturer: PR electronics A/S, Lerbakken 10, DK-8410 Rønde hereby declares that the following product: Type: 6333 Name: 2-wire programmable transmitter From serial no.: 212340108 is in conformity with the following directives and standards: 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 60079-0:2018, EN 60079-1:2015 + A1:2018, EN 60079-11:2012 and EN 60079-15:2010 ATEX certificate: DEKRA 20ATEX0106 X (6333A) ATEX certificate: DEKRA 20ATEX0105 X (6333B) ATEX notified body (type approval) DEKRA Certification B.V. Meander 1051, 6825 Mj Arnhem P.O. Box 5185, 6802 ED Arnhem The Netherlands The RoHS Directive 2011/65/EU and later amendments EN IEC 63000:2018 DEKRA Certification B.V. Meander 1051, 6825 Mj Arnhem P.O. Box 5185, 6802 ED Arnhem The Netherlands This declaration of conformity is issued under the sole responsibility of the manufacturer. Rønde, 4 August 2022 Stig Lindemann, CTO Manufacturer's signature

UKCA DECLARATION OF CONFORMITY

As manufacturer: PR electronics A/S, Lerbakken 10, DK-8410 Rønde hereby declares that the following product: Type: 6333 Name: 2-wire programmable transmitter From serial no.: 212340108 is in conformity with the following statutory requirements: 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 Equipment and Protective Systems Intended for use in Potentially Explosive Atmospheres Regulations 2016 (UK SI 2016/1107) and later amendments EN 60079-0:2018, EN 60079-1:2015 + A1:2018, EN 60079-11:2012 and EN 60079-15:2010 The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (UK SI 2010/3032) and later amendments EN IEC 63000:2018 The conformity declared by this document is based on the EU standards covered by 6333DoC_EU_103 and the ATEX certificates: DEKRA 20ATEX0106 X (6333A) DEKRA 20ATEX0105 X (6333B) This declaration of conformity is issued under the sole responsibility of the manufacturer. Rønde, 18 November 2022 Stig Lindemann, CTO Manufacturer's signature

DK	UK	FR	DE	
A	Indgangssignaler	Input signals	Signaux d'entrée	Eingangssignale
B	Udgangssignaler	Output signals	Signaux de sortie	Ausgangssignale
C	RTD, 3-leder	RTD, 3-wire	RTD, 3-fils	WTH, 3-Leiter
D	RTD, 2-leder	RTD, 2-wire	RTD, 2-fils	WTH, 2-Leiter
F	Modstand, 3-leder	Resistance, 3-wire	Résistance, 3-fils	Widerstand, 3-Leiter
F	Modstand, 2-leder	Resistance, 2-wire	Résistance, 2-fils	Widerstand, 2-Leiter
G	6333A Forsyning + 8.0..35 VDC	6333A Supply + 8.0..35 VDC	6333A Alimentation + 8.0..35 Vcc	6333A Versorgung + 8.0..35 VDC
H	6333B Forsyning + 8.0..30 VDC	6333B Supply + 8.0..30 VDC	6333B Alimentation + 8.0..30 Vcc	6333B Versorgung + 8.0..30 VDC
I	4..20 mA udgang	4..20 mA output	Sortie 4..20 mA	4..20 mA-Ausgang
Ch.1	Kanal 1	Channel 1	Voie 1	Kanal 1
Ch.2	Kanal 2	Channel 2	Voie 2	Kanal 2

