

ADVARSEL Only technicians, who are familiar with the technical terms, warnings, and instructions in the manual and who are able to follow these, should connect the device.

Should there be any doubt as to the correct handling of the device, please contact your local distributor or PR electronics A/S.

Mounting and connection of the device should conform to the national legislation for mounting of electric materials.

Substitution of components may impair intrinsic safety.

Repair of the device must be done by PR electronics A/S only.

Do not remove the transmitter cover in explosive atmospheres when the circuit is alive.

The transmitter cover must be fully engaged to meet the explosion proof requirements.

If installed under high-vibration conditions, the transmitter may require supplementary support.

For installation in hazardous area the corresponding installation drawing must be followed in detail.

Take care not to generate mechanical sparking when accessing the instrument and peripheral devices in a hazardous location.

Electrical specifications Operating temperature with silicone O-ring -40°C to +85°C with FKM O-ring -20°C to +85°C

Mechanical specifications Dimensions H x B x D: Ø 110 mm Aluminium AD3 (AL) 109.3x145x124 mm

Common electrical specifications Supply voltage, DC Ex ia, intrinsically safe 10...30 VDC (12...30 VDC with backlight)

Input specifications: RTD input types: PT50, PT100, PT200, PT500, PT1000, N50, NI100, NI20, NI1000

Output specifications: mV input: Voltage input range -800...+800 mV Min. span 2.5 mV

Strømgang: Signalmålede 4...20 mA Min. signalmålede 1.6 mA

Observed authority requirements: EMC 2014/30/EU ATEX 2014/34/EU RoHS 2011/65/EU EAC TR-CU 020/2011

Compatibility avec les normes: CEM 2014/30/UE ATEX 2014/34/UE RoHS 2011/65/UE EAC TR-CU 020/2011

DK Sideskilt / mærkning UK Side label / marking FR Etiquette / marquage DE Typenschild / Markierung

PR electronics, Lerbakken 10, 8410 Rønde, Denmark. Read manual/Lisez le manuel/Leia o manual. Includes safety symbols and technical specifications.

DK Godkendelser UK Approvals FR Approbations DE Zulassungen

DK Godkendelser UK Approvals FR Approbations DE Zulassungen BR Aprovações

Table with columns: Product, ATEX, Area / Zone, Installation drawing, IECEx, Area / Zone, Installation drawing, INMETRO, Area / Zone, Installation drawing, EU RO marine.

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

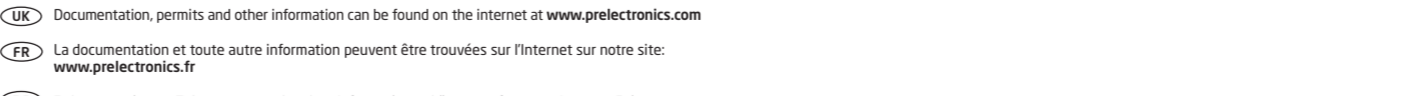
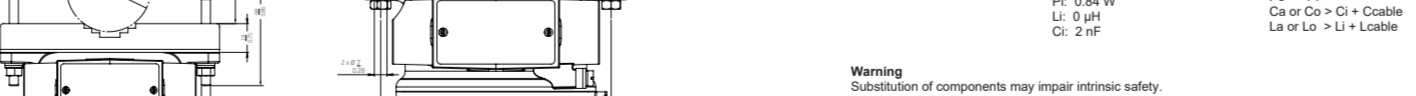
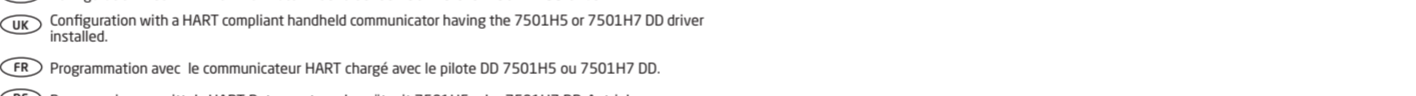
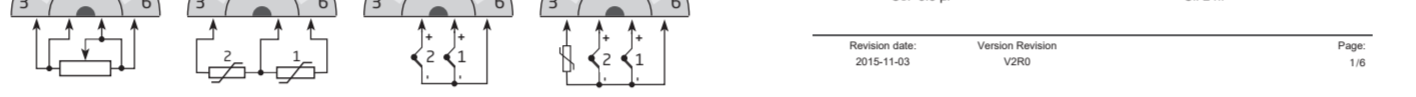
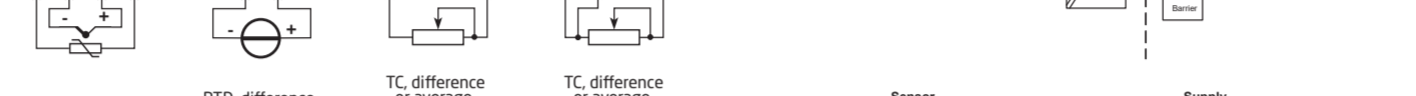
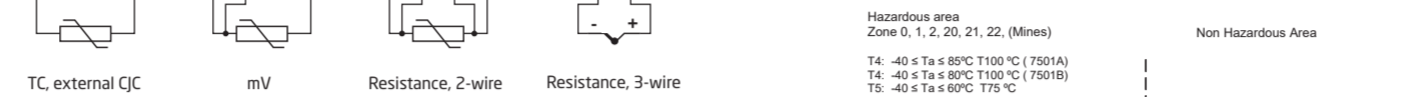
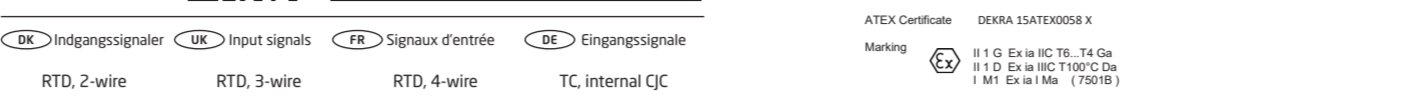
Table with columns: Part Name, Lead (Pb), Mercury (Hg), Hexavalent Chromium (Cr (VI)), Polychlorinated biphenyls (PCBs), Polybrominated diphenyl ethers (PBDEs).

This table is prepared in accordance with the provisions of SJ/T 11364. 0: Indicates that said hazardous substance contained in all of the homogeneous materials for this part is below the limit requirement of GB/T 26572.

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

Segurança Compulsório INMETRO. For safe installation of 7501 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.

Ex ia installation: ATEX Certificate DEKRA 15ATEX0058 X Marking II 1 G Ex ia IIC T6...T4 Gc



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Standards: EN 60079-0:2012, EN 60079-1:2012, EN 60079-15:2010

Type of protection Ex ia: O-ring Sealing: Silicone T4: -40 °C to +80 °C T4 (7501A)

Type of protection Ex II: O-ring Sealing: FKM T4: -20 °C to +80 °C (7501A) T4: -20 °C to +80 °C (7501B)

