

80536A
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SAFETY NOTE
KX_3GD

DESCRIPTION

KX pressure transmitters are designed and built in conformity to European standards: EN IEC 60079:0-2018, EN 60079-15:2010, EN 60079-31:2014. Protection mode is Ex nA IIC T4, T5, T6 Gc, Ex tc IIIC Dc T85°C, T95°C, T105°C; ambient temperature: -40°C...+60°C (T6 / T85°C), -40°C... +70°C (T5 / T95°C) and -40°C...+80°C (T4 / T105°C).

ELECTRICAL CHARACTERISTICS

Maximum voltage U:	30V
Maximum current I:	100mA
Maximum power P:	0.75W
Ambient temperature:	-40...+60°C (T6 / T85°C) -40...+70°C (T5 / T95°C) -40...+80°C (T4 / T105°C)

MARKING



II 3G Ex nA IIC T6, T5, T4 Gc X
II 3D Ex tc IIIC T85°C, T95°C, T105°C Dc X

II 3

GD

Ex nA IIC T6, T5, T4 Gc

Ex tc IIIC T85°C, T95°C, T105°C Dc

X

-40°C...+60°C

-40°C...+70°C

-40°C...+80°C

= group II (surface industries), category 3
= explosive atmosphere with presence of gases, vapors or mists (G) and dust (D)
= protection mode (non sparking), gas group (IIC), temperature class, EPL (Gc)
= protection mode (dust tight), dust group (conductive), max surface temperature, EPL (Dc)
= special condition of use: resistance for low mechanical risk
= different range of ambient temperature

SAFETY INSTRUCTIONS FOR INSTALLATION IN HAZARDOUS AREAS

KX industrial pressure transmitters shall be installed and serviced in conformity to systems and maintenance rules for environments classified against the risk of explosion due to the presence of gas (example: EN 60079-14, EN 60079-17 or other national rules/standards).

KX industrial pressure transmitters proven impact resistance for low mechanical risk.

In the presence of dusty environment ensure that a proper maintenance plan, so that the thickness of the dust layer deposited on the surface of the valves is minimized as possible and never exceed 5 mm.

MOUNTING INSTRUCTIONS FOR INSTALLATION IN HAZARDOUS AREAS

The specified room temperature must consider the heat generated by the process fluid.

GEFRAN spa reserves the right to make aesthetic or functional changes at any time and without notice