

85175A - SAFETY NOTE XPSA

DESCRIPTION

XPSA pressure transmitters are designed and built in conformity to European standards: EN 60079-0 / EN 60079-11 / EN 60079-26. Protection mode is Ex ia IIC T4 ambient temperature -40°C...+80°C, T5 ambient temperature -40°C... +70°C and T6 ambient temperature -40°C...+60°C.

ELECTRICAL CHARACTERISTICS

Maximum voltage U_i :	30V
Maximum current I_i :	100mA
Maximum power P_i :	0.75W
Maximum capacity C_i :	26nF
Maximum inductance L_i :	0.25 mH
Ambient temperature:	-40°C...+80°C T4 -40°C...+70°C T5 -40°C...+60°C T6

MARKING



- 0722 = number of Authority notified for ATEX (CESI) surveillance
- II 1 = group II (surface), category 1
- G = explosive atmosphere with presence of gases, vapors or mists
- Ex ia IIC T4/T5/T6 = protection mode, gas group, temperature class
- 40°C...+80°C = ambient temperature
- 40°C...+70°C
- 40°C...+60°C

Substances	Zone	Categories Directive 94/9/CE
Gases, fumes or mists	Zone 0	1G
Gases, fumes or mists	Zone 1	2G
Gases, fumes or mists	Zone 2	3G
Dust	Zone 20	1D
Dust	Zone 21	2D
Dust	Zone 22	3D

SAFETY INSTRUCTIONS FOR INSTALLATION IN HAZARDOUS AREAS

XPSA industrial pressure transmitters must 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).

XPSA pressure transmitters must be connected to [EX ia] IIC certified devices with the following characteristics: Maximum voltage $U_o \leq 30$ V; maximum current $I_o \leq 100$ mA; maximum power $P_o \leq 0.75$ W; linear source.

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