







UK - Type Examination Certificate EPS 22 UKEX 1 371 X

Revision 0

For the hazardous areas with combustible dust applies: The maximum input power ($P_{perm.}$), depending on the maximum ambient temperature (T_a) and the maximum surface temperature is shown in the following table:

Maximum surface temperature	ambient temperature T_a	Maximum input power $P_{perm.}$
T100 °C	+95 °C	0.8 W
T85 °C	+80 °C	1.5 W
T80 °C	+75 °C	1.8 W
T90 °C	+85 °C	0.8 W
T80 °C	+75 °C	1.5 W
T75 °C	+70 °C	1.8 W
T75 °C	+70 °C	0.8 W
T65 °C	+60 °C	1.5 W
T60 °C	+55 °C	1.8 W

(16) Reference number: 22TH0508

(17) Special conditions for safe use:

The special conditions(s) relate only to the type designation 407 for use in Zone 0.

The overall system on the part of the operator should be selected so that an application-oriented zone separation is ensured. This must be realized in accordance with EN 60079-1 by the use of a protective tube and fittings. The requirements are listed in the product-related instructions.

The pressure transmitter may be mounted in tanks and pipes in which explosive vapor/air mixtures occur at pressures of 0.8 to 1.1 bar, at mixture temperatures of -20 °C to +60 °C (potentially explosive atmosphere).

For use/installation must be complied with the requirements of EN 60079-14.

(18) Essential health and safety requirements:

Met by compliance with standards.

Certification department of explosion protection

Warrington, 31-07.2023

Natalie Wilkinson

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