



ATEX SENSORS

The ATEX sensors meet the requirements of 94/9/EC directive and are certified by CESI with certification CESI 03 ATEX 080 for use in potentially explosive atmospheres.
The specific applied standards are listed on the product pages.

It's very important to choose the category of the device according to the classification of the potentially explosive area:

GASES, VAPOURS OR MISTS

Zone 0: continuous danger

Areas in which explosive atmospheres caused by mixtures of air and gases, vapours or mists are present continuously, for long periods or frequently.

Zone 1: potential danger

Areas in which explosive atmospheres caused by mixtures of air and gases, vapours or mists are likely to occur.

Zone 2: minimum danger

Areas in which explosive atmospheres caused by mixtures of air and gases, vapours or mists are unlikely to occur or, if they do occur, are likely to do so only infrequently and for a short period only.

DUSTS

Zone 20: continuous danger

Areas in which explosive atmospheres caused by mixtures of air and combustible dust are present continuously, for long periods or frequently.

Zone 21: potential danger

Areas in which explosive atmospheres caused by mixtures of air and combustible dust are likely to occur.

Zone 22: minimum danger

Areas in which explosive atmospheres caused by mixtures of air and combustible dust are unlikely to occur or, if they do occur, are likely to do so only infrequently and for a short period only.