

08 February 2018

City Technology's Catalytic Bead Sensors Now Reapproved for Use in Zone 0 Applications

Dear Customer,

We are pleased to announce that City Technology has reapproved its 4P catalytic bead and MICROpeL™ pellistor sensors listed below to the updated standard, thereby extending their use in most hazardous locations. The ATEX Category 1 certification (Ex da) is available with T5 and T6 temperature classes for the 4P range and T4 and T5 classes for the MICROpeL 75 range. Ultimately, this means that instrument manufacturers who are using our catalytic bead sensors can re-certify their existing products so they can also be used in Zone 0.

The BS EN 60079-1:2014 is the UK implementation of EN 60079-1:2014, the European standard "Equipment for explosive atmospheres". Part 1: Equipment protected by flameproof enclosures "d" has been updated to the 2014 edition which includes an option for portable products to be approved to "da" for use in Zone 0 applications.

City Technology's catalytic bead sensors offer a more stable and flexible solution for combustible gas detection, built to better resist toxic environments, they deliver faster response and recovery times. Our sensors come with different filter options along with flameproof housing. The range also has enhanced resistance to shock and vibration.

Our Zone 0 Approved Sensors:

4P50
4P50C
4P50M
4P75
4P75C
4P75M
4P90
4P90C
4P90M
MICROpeL75
MICROpeL75C
MICROpeL75M



For sales enquiries or further information please contact your local City Technology sales representative.

Yours Sincerely,

Robin Barnes
Product Manager

Alex Naef
General Manager