



Product BULLETIN

SOR® Intrinsically Safe Products

Can Mitigate Explosions in Hazardous Areas

New Features

Key products in the SOR line of pressure, differential pressure, temperature, vacuum and large level switches have been certified as Intrinsically Safe (IS), which prevents potentially explosive gases or dust from igniting. The IS rating is part of the ATEX Directive (94/9/EC). The ATEX

Directive is becoming well accepted around the world.

Intrinsic Safety is a means of preventing explosions, which could be caused due to sparking of an electrical current in hazardous areas. Hazardous Areas are those areas of a plant or facility that have a likely presence of explosive mixtures of gas, vapor or dust.

IS provides a preventative method versus flameproof equipment where the explosion is contained and not transmitted outside of the product. SOR also carries ATEX approved flameproof products on some models.



Mechanical Level Approval (Mechanical Large Level) S3, or T6 Housings when used with C, G, R, S, or Y Switches. Here the S3 requires the CL Accessory Designator, the T6 does not require any accessory designator.



102/103 DP Approval (Differential Pressure) AD Housing when used with the JF, or JG Switches and with the CL Accessory Designator. W1 Housing with the J, JJ, or KA Switches and with the CL Accessory Designator.



R-Series Approval (Pressure, Temperature, Vacuum, Differential Pressure) RN, RM, RT, or RS Housings when used with J, JJ, JF or JG Switches and with the CL Accessory Designator.



For further information or questions please contact Customer Service.

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