

NEW

ELETTA
FLOW MONITORS

The V-Ex Eletta Flow Monitor

for use in explosive
atmospheres

For some time there has been a demand from the market to offer explosion proof versions. An increasing number of customers and end users want equipment that can be used in hazardous areas. Now, with the introduction of the V-Ex Eletta can offer just that.

The flow monitor is classified as a "simple apparatus" which combined with an intrinsically safe circuit meets the requirements of ATEX as well as IECX. This ensures that our equipment can be installed in hazardous areas. For the flow monitor to be allowed in the kind of hazardous environment that it is classified for, it must be combined with an intrinsically safe circuit, either through a barrier or an isolator.





Pipe sizes

The V-Ex is available in all the usual materials, pipe sizes and process connections. V-Ex can be delivered with chemically nickel plated coating as well as IP65. It is also available in three temperature classes; 60°C, 70°C and 100°C.

Separation circuit amplifier

For your convenience we have set up a standard solution from Pepperl & Fuchs. We offer the KFD2-SR2-EX1.W (24 VDC) or the KFA6-SR2-EX1.W (230 VAC). For more information please see our technical data sheet. If you decide to use another barrier, please make sure that the specifications follow our suggested P&F products.

Ex ia IIC T6 Ga

Certificate Id: SP11EX2643X

Ui: 28 V, Ii: 100 mA, Pi: 1,2W

Li: 10µH, Ci: 1nF

Yellow

Flow monitors in Explosion proof execution are attached with a yellow label indicating in which environments it is allowed. However, since the V-series is classified as a simple apparatus ATEX formally does not apply.

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