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New Easy to Use Intrinsically Safe Flow Batch Controllers

BEKA associates have introduced four new easy to use panel and field mounting flow batch controllers that will accurately dispense liquids, solids or components in hazardous and safe areas. Two of the models have ATEX Group II Category 1G (EEx ia IIC T5) intrinsic safety certification allowing them to be installed in almost any gas hazardous area.

The controllers have three galvanically isolated outputs that may be configured as control or status outputs, enabling one, two or even three stage control to be performed. Up to nine setpoints may be pre-entered and named for easy selection by the operator. All models accept pulse and 4/20mA inputs and incorporate a square root extractor plus a sixteen point adjustable lineariser, making them usable with almost any flowmeter.

User screens and configuration menus may be shown in English, French or German on a backlit graphical display which can be read in all lighting conditions. The user screen may be selected so that only essential information is presented to the operator.

The controllers can also perform regular sampling and dosing applications using a repeat routine which causes a pre-set number of batches to be performed with a pre-set interval of up to 24 hours between them.

Field mounting models have a robust IP66 polycarbonate enclosure with an armoured glass window and a separate terminal compartment. The panel mounting controllers have an IP65 sealed front panel and a 144 x 72 DIN enclosure.

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Photographic print enclosed

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Note for editor:

Our company name should be shown as BEKA associates or BEKA associates Ltd

