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For Immediate Publication

One and two input Counters for hazardous and safe area applications

BEKA associates extensive new range of pulse input Counters can economically perform most industrial counting functions in both hazardous and non-hazardous areas. Featuring one and two input models which can be configured to function with most sensors, they have bold easy to read displays showing the total number of input pulses and the pulse rate independently scaled into meaningful engineering units. Two sizes of enclosure and display are available. All models have IP66 front of panel protection and the range includes models with a rugged 316 stainless steel enclosure and a toughened glass window for applications in severe or marine environments. Options include an internally powered display backlight, an isolated synchronous pulse output, an isolated 4/20mA output and dual alarms with isolated outputs.

The two input instruments can display the sum or difference of the inputs in engineering units. This powerful feature enables them to perform almost any sum or difference measurement, such as calculating and displaying the total output and rate of flow from two pumps. Alternatively the difference between the two outputs and the two rates can be displayed. When configured to operate with a quadrature encoder, the two input Counters can display the position and speed of a shaft or a cable such as a mooring line or a winch cable.

In addition to general purpose Counters, the intrinsically safe models have ATEX, IECEx, US and Canadian certification allowing worldwide installation in gas and dust hazardous areas. For applications in Zone 2 or 22, Ex nA and Ex tc approval permits installation without the need for Zener barriers or galvanic isolators which significantly reduces the installation cost.

Although well documented and easy to configure on-site, these new Counters can be supplied configured to customer's requirements with a slide-in scale card showing the user specified units of measurement for no additional charge.

All BEKA instruments are supported by a three year guarantee and for customers wishing to evaluate an instrument on-site, a free three month sale or return evaluation service is available.

For further information including datasheets and certificates please visit http://www.beka.co.uk/one_and_two_input_counters.html or phone the BEKA sales office on 01462 438301.

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Notes for editor:

Associated image may be downloaded from: http://www.beka.co.uk/images/input_counters.jpg

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

