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<http://www.beka.co.uk/>

## **For Immediate Publication**

### **New large digit loop powered indicators introduced**

Since the installation of the first BEKA intrinsically safe loop powered indicator in 1984, BEKA associates have been at the forefront of indicator development culminating in the launch of their fourth generation models. These new instruments are UK designed and manufactured and are based on the accumulated experience gained from thousands of installations coupled with the latest electronic, production and certification technology, resulting in larger digits, improved visibility, more standard features and even higher reliability plus significant economic advantages.

The range includes field and panel mounting models with a choice of four digits 34mm high, or five digits 29mm high with a 31 segment bargraph. All have an extended operating temperature of  $-40^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$  and include a square root extractor, sixteen segment lineariser, internal calibrator together with a tare function. Optional accessories include a backlight that may be loop or separately powered and dual alarms with isolated solid state outputs.

The field mounting models have a robust IP66 GRP enclosure with an armoured glass window making them suitable for installation in harsh industrial and offshore environments. A separate terminal compartment with forward facing terminals simplifies installation and maintenance. Accessories include pipe-mounting kits and stainless steel tag plates, which can be supplied etched with customer specified tag and application information.

Panel mounting models are available in 144 x 72 and 96 x 48 DIN enclosures with 4 and 5 digit displays having heights between 11 and 34mm. The 5 digit models also have a 31 segment bargraph. All panel mounting indicators have an IP66 front panel and a gasket to seal the joint between the instrument and the mounting panel allowing them to be washed down. A novel scale card showing the units of measurement in a window adjacent to the display may be changed on-site without opening the instrument enclosure or removing it from the panel.

Field and panel mounting models are available with ATEX and IECEx intrinsic safety certification permitting installation in gas and dust hazardous areas. For applications in Zone 2 or 22, field mounting models with Ex nA and Ex tc approval permit installation without the need for Zener barriers or galvanic isolators significantly reducing installation cost.

Indicators are supplied calibrated with customer specified scale and tag marking free of charge. As with all BEKA products, these new indicators have a three year guarantee and for customers wishing to evaluate an indicator on-site, a free three month sale or return evaluation service is available.

For further information including datasheets, certificates and instruction manuals please visit <http://www.beka.co.uk/inds> or phone the BEKA sales office on 01462 438301

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**Notes for editor:**

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

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

