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For Immediate Publication

### **New loop powered 4/20mA flameproof indicators**

To compliment their extensive range of intrinsically safe and Type nL certified 4/20mA loop powered indicators, BEKA have introduced two new five digit flameproof loop powered models which only drop 2.3 volts, allowing them to be connected in series with almost any 4/20mA loop.

The BR323AL is housed in an epoxy painted aluminium enclosure and the BR323SS, which is suitable for use in corrosive and marine environments, has a stainless steel enclosure. Both models have ATEX Group II, Category 2GD, Ex d IIC T6 certification plus FM explosion proof and dust ignition proof approval. The BR323SS in a stainless steel enclosure also has CSA approval. The enclosures provide IP66 and NEMA 4X ingress protection and can be supplied with either two M20 or two ½ inch NPT threaded entries.

Configuration and calibration is performed via easy to use Windows® compatible software which will run on a personal computer connected to the instrument via a temporary cable. This free of charge software may be downloaded from the BEKA web site or is available on CD: a temporary connecting cable is supplied with every order. The software enables the display zero, span, resolution and damping to be easily adjusted and it contains a 128 segment lineariser enabling nonlinear variables to be displayed in linear units. For flow applications, a square root extractor curve is included. Units of measurement, which appear on the instrument screen below the main five digit display can also be entered via the calibration software.

Accessories include a pipe mounting bracket and a tag strip which can be supplied printed with customer specified information.

As with all BEKA loop powered indicators, these new instruments are supplied calibrated to customer requirements free of charge.

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#### **Notes for editor:**

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

Replies to: [sales@beka.co.uk](mailto:sales@beka.co.uk) or fax: 01462 453971 or phone 01462 438301

For further Press Release information please contact: Chris Burkitt, BEKA associates Ltd. tel: 01462 438301 [chrisb@beka.co.uk](mailto:chrisb@beka.co.uk)

A high-resolution photograph to accompany this press release may be downloaded from: <http://www.beka.co.uk/images/exdindicators.jpg>

