

New press release from BEKA associates

November 2023
PR 0423

Ex ec panel mounting indicators arrive

BEKA have introduced two rugged panel mounting 4/20mA indicators compliant with the new increased safety Ex ec Zone 2 standard, which has now replaced Ex nA protection.

The BA307SE indicator has four 15mm high digits and the BA327SE five 12.7mm high digits plus a 31 segment bargraph. They may be installed in an Ex e or Ex p enclosure located in Zone 2 without invalidating the enclosure's certification. No Zener barrier or galvanic isolator is required, thus significantly reducing complexity and cost.

Both indicators have a 316 stainless steel cast enclosure with an impact resistant IP66 front. IECEx, ATEX, UKEX, US and Canadian Ex ec increased safety certification, plus Ex tc dust certification permits worldwide installation, and in North America they can also be installed in Division 2. Both models have an operating temperature between -40°C and $+70^{\circ}\text{C}$ and include a selectable square root extractor, adjustable sixteen segment lineariser and an internal calibrator. Applications are further extended by factory fitted accessories including, a backlight that may be loop or separately powered, and dual alarms with isolated solid state outputs.

As with all BEKA instruments, these indicators can be supplied calibrated to user requirements with units of measurement and tag information printed on the slide-in scale card for no additional charge, ensuring they arrive ready for installation.

The BA307SE and BA327SE replace the well established BEKA BA307NE and BA327NE which will remain available until mid 2024.

A new BEKA Application Guide AG321 recommending how extra low voltage Ex ec instrumentation should be installed, including examples of indicator applications in Zone 2, has been published. A copy may be downloaded from the BEKA website without logging in, or having to supply any contact information.

For further information please visit [beka.co.uk/ex_ec_indicators](https://www.beka.co.uk/ex_ec_indicators) or phone the BEKA sales office on +44 (0) 1462 438301.

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Notes for editor:

Associated image may be downloaded from: [beka.co.uk/assets/img/ex_ec_indicators.jpg](https://www.beka.co.uk/assets/img/ex_ec_indicators.jpg)

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



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