

## New press release from BEKA associates

May 2024  
PR 0124a

### **Intrinsically Safe Operator Display can be mounted in an Ex e enclosure**

BEKA associates are proud to announce a second version of Pageant, their intrinsically safe Operator Display. Thanks to a certified impact resistant front panel, the new display can be mounted in an Ex e or Ex t enclosure without invalidating the certification of the enclosure. This allows the new BA3102 Display, which retains all of the original state of the art features, to be safely installed in the same cubicle or enclosure as other Zone 1 or 2 equipment.

The original and new models simplify the design and reduce the cost of providing an Operator Display, Modbus Remote Display, or a PLC in a hazardous area. Multiple variables can be displayed simultaneously, and eight touch buttons with tricolour LED annunciators accept operator inputs. Intrinsic safety Ex ia protection provides maximum safety and allows installation in almost any flammable gas or combustible dust atmosphere in any Zone.

Featuring a 7 inch backlit trans-reflective display which can be read in all lighting conditions, Pageant and each of its plug-in I/O modules, have separate apparatus certificates allowing installation in Zones 0, 1, 2, 20, 21 and 22. The IECEx, ATEX and UKCA certifications permit any combination of plug-in modules to be fitted to the display without the need for additional certification. Plug-in input and output modules for interfacing 4/20mA currents, switch contacts, proximity detectors and pulse sources are available.

Pageant employs industry standard CODESYS® runtime software which complies with IEC 61131. The software includes a wealth of features and function blocks and is supplied with a lifetime licence. CODESYS runtime software is an industry standard already installed in more than 1,500 different products worldwide. It is supported by extensive documentation, including video presentations, and will already be familiar to many users.

The display, eight programmable touch buttons and LED annunciators are mounted behind a 4mm thick toughened glass, or a scratch resistant polycarbonate window in the 316 stainless steel front panel. The front provides IP66 protection, is totally flat and easy to clean, making these Operator Displays ideal for petrochemical, pharmaceutical and distilling applications. Both Operator Displays are lightweight and dissipate less than 5W limiting enclosure heating.

Pageant Operator Displays have been designed to be powered by a BEKA Power Isolator which may be mounted in a safe area or in Zone 2. Two models are available, the BA212 for applications in IIA, IIB gases and dust atmospheres and the BA243 for IIC gas applications.

For further information please visit [beka.co.uk/pageant](http://beka.co.uk/pageant) or phone the BEKA sales office on +44 (0) 1462 438301, or better still, please request a demonstration.

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

Associated image may be downloaded from: [beka.co.uk/assets/img/pageant\\_ex\\_e.jpg](http://beka.co.uk/assets/img/pageant_ex_e.jpg)

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

