

DA170 Series Intrinsically Safe LED Clusters

Reliable, high brightness visual indication for hazardous areas from RTK Instruments Ltd

The DA170 range of LED Clusters provides visual on/off indication of process conditions in safe and hazardous areas.



The LED Clusters are available in six super-bright colours and feature an integral current regulator to limit the current to 20mA. This ensures that all colours are matched to obtain consistent brightness across the range including white and blue. Up to two LED Clusters can be driven from a single IIC power source. The lamps are designed to provide a minimum of 100,000 hours of service life.

The DA170 LED Clusters are ATEX Certified to Ex II 1G, EEx ia IIC T4 and are suitable for zones 0, 1 and 2 and for all gas groups.

When used in hazardous areas, the LED Clusters must be powered through suitable intrinsically safe Isolators or Barriers. RTK Instruments manufacture a complete range of suitable interfaces such as the S951 and S953.

News Release

RTK Instruments Limited
St James Business Park,
Knaresborough, North Yorkshire,
England. HG5 8PJ

Telephone: +44 (0)1423 580500
Facsimile: +44 (0)1423 580501
Web: www.rtkinstruments.com
Email: enquiry@rtkinstruments.com

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The LED Clusters are simple to install on any panel door. The lens simply drops through an industry standard 22.5cm diameter hole and the body is screwed securely from the rear, providing a seal to the panel of IP65.

The DA170 range of LED Clusters can be linked into either the LN1000 Intrinsically Safe Alarm Annunciator or one of a number of safe area annunciators. Also, a range of matching pushbuttons and selector switches can be supplied.

With the LED's lower power consumption, low heat dissipation and long life expectancy, the DA170 is an ideal indicator for safe and hazardous areas alike.

RTK Instruments, as major suppliers of industrial alarm systems and components for safe and hazardous area, can also supply complete alarm systems and help with all industrial alarm applications.

For further information, please visit our website www.rtkinstruments.com,

e-mail: enquiry@rtkinstruments.com or call our Sales Team on 01423 580500.

karen.usher@rtkinstruments.com

Marketing Assistant

Tel: 01423 580500

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Alarm Annunciators and Systems | Sequential Event
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