

## PRESS RELEASE

### **QUADRO LED-RGB-3G/3D - Pfannenberg expands its portfolio for Ex-Zones with new multicolour LED light**

#### **Multicolour LED light for use in Ex-zones 2 and 22**

**Hamburg, 04 December 2020. The electrical engineering specialist Pfannenberg expands its product portfolio for Ex-zones with QUADRO LED-RGB-3G/3D and herewith creates an efficient alternative to conventional signal towers. Equipped with modern LED technology, the RGB light offers flexible and versatile signaling options and operating modes for industrial applications in the field of indication and warning. The decisive advantage of this new light is that a wide range of RGB colours can be selected and the desired status can be visualised with just one device. QUADRO LED-RGB-3G/3D can be used in areas wherever gases, fine dusts and other explosive materials are around. The applications are numerous, the RGB light is suitable for both indoor and outdoor use and is used, for example, in machine and plant operations, refineries, the pharmaceutical and chemical industries, the woodworking industry, in paint shops or even in industrial bakeries.**

"When developing the product, we wanted to serve as many applications as possible with just one device," says Marco Gerken, Product Manager Signaling Technology at Pfannenberg. "Traditional signal towers are only available for Ex-zones to a very limited extent, therefore it was our goal to create a solution for such applications for our customers. As efficiency was very important to us as well, we have developed a light that saves stock capacity and costs."

LED technology is characterized above all by its flexibility and durability. In Signaling Technology, however, LED lights offer many other advantages: brightness, light colours and time sequences allow various combinations corresponding to customers needs. Not only the signaling mode, but also the blinking and flashing frequency can be freely selected, allowing the light to be used flexibly for any application: Continuous

steady on light for status information or warnings, blinking light to indicate a continuous warning and the flash light for a higher perceptibility in case of an alarm. A multi-voltage power supply allows connection to almost any supply voltage and guarantees countless application possibilities.

### **Designed for Ex-zones 2 and 22**

QUADRO LED-RGB-3G/3D has been specially developed for use in Ex-zones 2 (3G) and 22 (3D) and complies with the European standards EN 60079-10-1 and EN 60079-10-2. The device guarantees reliable signaling wherever explosive atmospheres are being present.

### **Maximum flexibility due to different signaling colours**

The highlight of QUADRO LED-RGB-3G/3D is the possibility to select different colours to be displayed. An external colour and mode control enables the user to select the signaling mode and colour via external control. With this functionality, different situations can be displayed with only one light, where a conventional signal tower was used in the past. This saves unnecessary stock-keeping and offers maximum flexibility.

### **Pictures and Captions:**



**Picture 1:** QUADRO LED-RGB-3G/3D was designed for use in Ex-Zones 2 and 22 and is not only suitable for numerous applications but also a substitute for conventional signal towers due to its multi-colour design.

## About Pfannenberg

Pfannenberg is a medium-sized company which provides innovative and high-quality electro-technology for industry. Today, the company belongs to the global players of this industry with its headquarters in Hamburg, Germany and its locations in Brazil, China, England, France, Italy, Russia, Singapore and the USA. The product portfolio comprises components and system solutions for the thermal management of electrical enclosures, chillers, visible and audible signaling technology and custom solutions. A special highlight in the Pfannenberg portfolio is the designed illuminations which are commissioned by architects, designers, and urban and spatial planners ([www.pfannenberg.com/en/solutions/industries/art-illumination/](http://www.pfannenberg.com/en/solutions/industries/art-illumination/)).

You can find more information about Pfannenberg on: <http://www.pfannenberg.com>

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