

## Media Release

Bad Kreuznach, Germany, 4 May 2023, new NBP450-40 Industry Filter by Schneider-Kreuznach.

### **New blue Schneider-Kreuznach NBP450-40 Industry Filter with a peak wavelength of 450 nm, optimized for use with blue lasers and LEDs of the same wavelength.**

Schneider-Kreuznach launches a new industry filter, the NBP 450-40 Narrow Bandpass Filter. This filter is specifically designed for laser applications with a wavelength of 450 nm, making it an excellent choice for use with blue lasers or LEDs of the same wavelength.

Its steep edges and an average transmission of 95%, enables it to transmit wanted light and provide clear and accurate measurements.

Its high optical density ensures blocking most wavelengths except those in the 433-466nm range, which it transmits with a Tabs rating of over 90%.

The NBP 450-40 filter can be widely used in a variety of applications including 3D and 2D measurement, food inspection and fluorescence. Its ability to accurately filter out unwanted light and transmit the wavelengths required for specific applications makes it a popular choice for industries such as food and beverage, medical and automotive. This filter is an ideal tool for precise component measurement or inspection of meat products.

The NBP 450-40 is an addition to Schneider-Kreuznach Industry's wide range of filters, including bandpass, narrow bandpass, short pass, long pass, neutral density, polarisation, colour, UV cut and IR cut filters.

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### **About the Schneider-Kreuznach Business Unit Industry:**

Schneider-Kreuznach Industry as a Business Unit of Jos. Schneider Optische Werke GmbH manufactures and markets optical and precision components and assemblies for machine vision and other image processing applications. Our high-quality, robust optical solutions for image processing help system integrators and machine manufacturers improve their image processing systems. In addition to our standard Industrial Lenses product range Schneider-

Kreuznach offers customized solutions. A large number of technical applications require highly specialized lenses. Schneider-Kreuznach customized lenses provide tailored solutions for a wide range of applications, for example image capturing and projection.

### **About the Schneider Group:**

The Schneider Group is specialised in the development, production and manufacturing of high-performance lenses as well as filter systems for the industrial, film and photo sectors. The main brand "Schneider-Kreuznach" stands for leading technology from Germany for decades. Our applications in industry include optical inspection and 3D measurement. In the film industry, we have won the Scientific and Technical Award (so-called „technology Oscar“) several times with our products, and photographers appreciate our B+W filters. The Schneider Group includes Jos. Schneider Optische Werke GmbH, founded in Bad Kreuznach in 1913, the subsidiary of the same name in Singapore, and the companies Schneider Optics (New York, Los Angeles), Schneider Optical Technologies (Shenzhen) and Schneider Asia Pacific (Hong Kong). The Schneider Group employs around 500 people worldwide, 315 of them work at the German headquarter.