

FOR IMMEDIATE RELEASE

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Schneider adds new high resolution 90mm f4.5 lens
to its available 12k line scan industrial lenses.

Short working distance and fast lens speed improve high resolution inspection systems

Bad Kreuznach, Germany, March 12, 2007 - The Schneider Group, a worldwide market leader in high-quality lenses for industrial applications, has introduced a 90mm f4.5 lens to its line of high-resolution line scan lenses. Along with their previously introduced Makro-Symmar lenses, the new Apo-Componon lens CPN 4.5/90 extends to five the leading-edge line of Schneider's lenses for next-generation camera systems. The CPN 4.5/90 lens has been designed for a magnification ratio from 0.2x to 0.4x.

The focal length of the new Apo-Componon 90mm lens reduces required working distance, which decreases the space required for the camera-lens assembly. This lens allows system designers to make their machines both smaller and more stable, because shorter distance optical assemblies are less sensitive to vibrations and temperature drift.

At f4.5, the lens speed helps to increase image brightness and reduces system costs associated with illumination assemblies.

Like all Schneider ultra-high resolution 12k Line Scan lenses the new 90mm lens features Schneider's unique iris locking mechanism and robust design to ensure extremely reliable and precise measurements in even the harshest high-vibration manufacturing environments. To optimize lens performance to highest possible level, all Schneider 12k Line Scan lenses come with the position of "best average azimuth" marked right on the lens body. System manufacturers can compensate for all residual asymmetric tolerances by using this mark to align the lens with the line sensor.

Each of Schneider's 12k Line Scan lenses features image circles of up to 90mm and is designed for 5-micron pixel size cameras having up to a 62mm sensor. The large image circle and the low distortion of these lenses enable users to utilize the newest 8k and 12k cameras to improve productivity in surface and web inspection processes. The five lenses now in this line offer a magnification ratio range from 0.2X to 2.0X by using the lens either in standard or retro position.

"Our new Apo-Componon 4.5/90 lens extends our family of line scan lenses for high resolution inspection systems." said Dirk Muschert, Director of Marketing of Jos. Schneider Optische Werke GmbH. *"We continuously improve optical solutions to help vision system integrators and equipment manufacturers benefit from the latest camera technologies and improve their overall system performance and efficiency."*

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For further technical and contact information, please visit:
<http://schneiderindustrialoptics.com>

About Schneider:

The Schneider Group, founded in 1913 in Bad Kreuznach, Germany, is a worldwide market leader in high-quality lenses for industrial applications, photographic lenses, optical filters, cinema projection lenses and optical accessories. In total, Schneider has manufactured more than 15 million lenses and has created thousands of optical designs. The Schneider Group has 600 employees worldwide.

INDUSTRIAL OPTICS Business Unit

Jos. Schneider Optische Werke GmbH designs, develops, manufactures and markets optical and opto-mechanical components and subassemblies for machine vision and other image processing applications. By providing high-quality optical solutions, Schneider helps system integrators and equipment manufacturers to enhance their vision systems.

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Photo Caption:

The new Schneider 90mm, f4.5 lens helps to increase image brightness and reduces system costs associated with illumination assemblies, machine size and repeated adjustments.

Editor please note:

A high resolution file for this image is attached.

