

Rugged Safety Light Screens without Blind Zone

Turck introduces simple, rugged Banner Engineering safety light screen with enhanced performance features

Mülheim, March 15, 2016 – Turck has expanded its range of safety light curtains with the EZ-Screen LS (Light Screen) series made by his optosensorics partner Banner Engineering. This rugged, easy-to-use safety light screen is optimal for machine safeguarding and built to withstand challenging conditions found in manufacturing and packaging environments. With a lean, simple design and enhanced performance features, Banner's EZ-Screen LS provides a cost-efficient light screen safety solution. The end-to-end sensing design eliminates gaps in detection when mounted on top of machine work surfaces and between cascaded segments. The light screen features highly visible and intuitive bi-color alignment indicators that allow for simplified setup, easy troubleshooting and streamlined installation. For added ease of use, the system requires no PC software, DIP switches or other device for configuration.

To accommodate diverse applications, the EZ-Screen LS is available in three resolutions: 14 mm, 23 mm and 40 mm – with a range of up to 12 m. Sensor lengths range from 280 mm to 1,820 mm in 70 mm increments. Cascade models are also available, which allow users to combine up to four systems of any length, any resolution and any number of beams.

Banner's EZ-Screen LS features dual scan technology, which makes it highly immune to EMI, RFI, ambient light, weld flash and strobe light. It is also compliant with the most rigorous world-wide safety standards, including FMEA testing to ensure control reliability, and is third-party certified to Type 4 per IEC 61496, Category 4 PLe per EN ISO 13849-1, and SIL3 per IEC 61508; SIL CL3 per IEC 62061. To withstand harsh manufacturing environments, the EZ-Screen LS emitters and receivers include a 5 mm recessed window and are protected against impact by a 3 mm thick aluminum IEC IP65/IP67 rated housing and metal end caps.

PRESS RELEASE 04/16



Turck0416.jpg:

The new EZ-Screen series is available in numerous variants for different applications

PRESS CONTACT

Klaus Albers
Director Marketing Services & Public Relations
Phone: +49 208 4952-149
Mail: klaus.albers@turck.com
Web: www.turck.com/press

CONTACT

Hans Turck GmbH & Co. KG
Witzlebenstraße 7
45472 Mülheim an der Ruhr, Germany
Mail: more@turck.com
Web: www.turck.com

Text and image can be downloaded at:
www.turck.com/press