



Press enquiries to: Sharon Lindsay. **Tel:** 07928 809035

Email: sharon@sharonlindsaypr.co.uk

SICK's 'Sceptre' Crowns Safety System King of the Active/Passives

With the innovation of its Sceptre high-performance prism optic reflector, SICK has extended the range of its deTem 4 A/P multiple light beam system to eight metres, the longest ever available for an active/passive safety device, suitable for applications up to SIL3 / PLe.

The extra-rugged and compact SICK deTem 4 A/P safety light beam system offers wide flexibility to install safe access protection with entry/exit monitoring (muting) in production and logistics environments. With sender and receiver integrated into the active device, SICK deTem 4 A/P minimises wiring and helps achieve compact machine designs. With integrated muting functions there is no need for an external module and additional wiring effort.

With real-time diagnostics accessible by smartphone through Near Field Communication (NFC), and also via IO-Link, the SICK deTem 4 A/P is a smart system that enables operators to respond quickly to machine downtime. Engineers can access a range of diagnostic status and process data to manage maintenance interventions effectively.

Dr Martin Kidman, safety specialist with SICK UK explains: "The SICK deTem4 Active/Passive light beam system offers operators fingertip diagnostics to respond quickly to stoppages in common access protection applications such as warehousing, palletising or packaging machinery. You can find out straight away what caused a lockout just by using the easy-to-use status display on your smartphone.

"The SICK deTem4 A/P offers all the functionality you would expect from a high-performance SICK safety light beam system, and more. Its slim housing and active/passive functionality lend

themselves to machine layouts where space is limited. With IP65 and IP67 protection ratings, an operating temperature range of -30°C to +55°C, the deTem4 is ready for harsh industrial environments.”

Guided by the SICK Safety Assistant smartphone App, and with integral dip switches and automatic range adjustment, in-situ configuration and commissioning are quick and simple and there is no need to use a PC.

The SICK deTem4 A/P is a Type 4 device (EN 61496), enabling compliance in applications with requirements up to PLe (EN ISO 13849) and SIL3 (EN 61508). Ranges from 500mm right up to 8 metres are offered, thanks to the Sceptre’s high-performance optics, with a choice of two or four beams and separations of 300mm or 500mm. The coded light beam option prevents optical interference between devices in side-by-side applications.

The SICK deTem4 A/P allows the connection of a restart interlock and/or the facility to monitor external devices (EDM) which can reduce wiring and the need for additional devices in the control cabinet, saving further space.

For more information on the SICK deTem4 A/P safety light beam system, or any of SICK’s safety and protective devices, please contact Andrea Hornby on 01727 831121 or email

andrea.hornby@sick.co.uk

www.sick.co.uk

-ends -

Press Enquiries to:

Sharon Lindsay, Sharon Lindsay Communications. Email sharon@sharonlindsaypr.co.uk

Tel: 07928 809035;

Issued on behalf of: SICK (UK) LTD, Waldkirch House, 39 Hedley Road, St Albans, Hertfordshire, AL1 5BN.