Active Optoelectronic Safety Devices (AOPD)

SAFETY LIGHT CURTAINS WITH BLUETOOTH® INTERFACE

The Schmersal Group is one of the international market leaders in the demanding field of machine safety. Founded in 1945, the company has a workforce of about 2000 people and seven manufacturing sites on three continents, along with its own companies and sales partners in more than 60 countries. Customers of the Schmersal Group include global players from the area of mechanical engineering and plant manufacturing as well as operators of machinery. They benefit from the company’s extensive expertise as a provider of systems and solutions for machine safety. Furthermore, Schmersal specializes in various areas including food & beverage, packaging, machine tools, lift switchgear, heavy industry, and automotive.

A major contribution to the systems and solutions offered by the Schmersal Group is made by tec.nicum with its comprehensive range of services: certified Functional Safety Engineers advise machinery manufacturers and machinery operators in all aspects relating to machinery and occupational safety – and do so with product and manufacturer neutrality. Furthermore, they design and realize complex solutions for safety around the world in close collaboration with the clients.

THE SCHMERSAL GROUP
PROTECTION FOR MAN AND MACHINE

- Safety switches and sensors, solenoid interlocks
- Safety controllers and safety relay modules, safety bus systems
- Optoelectronic and tactile safety devices
- Automation technology: position switches, proximity switches
- Complete solutions for safeguarding hazard areas
- Individual parametrization and programming of safety controllers
- Tailor-made safety technology – be it for individual machines or a complex production line
- Industry-specific safety solutions

SAFETY PRODUCTS SAFETY SYSTEMS SAFETY SERVICES

- tec.nicum academy – Seminars and training
- tec.nicum consulting – Consultancy services
- tec.nicum engineering – Design and technical planning
- tec.nicum integration – Execution and installation

NEW

Operating Time 48 h.
Supply Voltage 24.0 V
OSSD Switching Counter 185
OSSD Status ON
Field Status FREE
Beam Signal Level
Protective Field Operating Mode Automatic
Protection Field Height 330 mm
Field Resolution 14 mm
Serial Number 2018229000
Type SLC440COM-R-0330-14
Device Status
Device Data

SCHMERSAL
THE DNA OF SAFETY
Today with Bluetooth® LE an innovative communication interface is available for the diagnosis and inspection of AOPD.

In combination with the SCHMERSAL App "SLC Assist" the operator uses this diagnosis tool for a safe operation, setup and documentation of a SCHMERSAL AOPD only by using a smartphone or tablet. The actual AOPD data are shown in real time without special tools. The new SCHMERSAL Diagnosis App was developed to control the status of an AOPD without installing a laptop or special software.

The SCHMERSAL App "SLC Assist" is available for Android and iOS devices.

www.schmersal.com
THE APP "SLC ASSIST"

The App gives information about
- Operating mode
- Beam signal level
- OSSD status
- Status of the protective field
- Number of OSSD switches
- Supply voltage
- Operating time

Beam signal level:
★★★ = perfect alignment
✩✩✩ = optimisation required

You will define the service cycles for the safety relay module via the OSSD switching counter.

The information of the total operating time is the basis for planning the periodic inspection.

INNOVATIVE TECHNOLOGY

The light curtain with Bluetooth® interface and the SCHMERSAL App gives optimal support for
- Condition monitoring
- Optimal alignment
- Preventive maintenance
- Documentation according to industrial safety regulations
THE SCHMERSAL GROUP
PROTECTION FOR MAN AND MACHINE

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