

CERTIFICATE OF COMPLIANCE

Certificate Number 20171120-SA11822
Report Reference SA11822-20160212
Issue Date 2017-NOVEMBER-20

Issued to: Sick AG
ERWIN-SICK-STRASSE 1
79183 WALDKIRCH GERMANY

**This is to certify that
representative samples of**

ACTIVE OPTO-ELECTRONIC PROTECTIVE DEVICES
RESPONSIVE TO DIFFUSE REFLECTION

Laser Scanner Series microScan3, Model MICS3-, followed by A, B or C; followed by A, B or C; followed by A; followed by A or Z, followed by 40, 50 or 55; followed by A, B, I, P or Z; followed by A, B, N or Z; followed by 0, 1 or 2; followed by M, P, S or blank; followed by XX or blank.

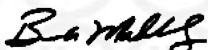
Accessory: System Plug for Laser Scanner Series microScan3, Model MICSX-, followed by A, B or C, followed by A, B, C or P; followed by A, D, E, I, K, M, N, O, X or Z; followed by A, D, E, I, K, M, N, O, X or Z; followed by A, D, E, I, K, M, N, O, X or Z; followed by A, D, E, I, K, M, N, O, X or Z; followed by A, D, E, I, K, M, N, O, X or Z; followed by A, D, E, I, K, M, N, O, X or Z; followed by 0, 1 or 2, followed by M, S or blank; followed by XX or blank.

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: See Addendum Page
Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's
Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

UL 508, Industrial Control Equipment

ANSI/UL 1998, Software in Programmable Components

CSA C22.2 No. 14, Industrial Control Equipment

IEC 61496-1, Electro-Sensitive Protective Equipment, Part 1: General Requirements and Tests

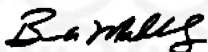
IEC 61496-3, Safety of machinery – Electro-sensitive protective equipment – Part 3: Particular requirements for Active Opto-electronic Protective Devices responsive to Diffuse Reflection (AOPDDR)

IEC 61508-1, Functional Safety of Electrical / Electronic / Programmable Electronic Safety-Related Systems, Part 1: General Requirements

IEC 61508-2, Functional Safety of Electrical / Electronic / Programmable Electronic Safety-Related Systems, Part 2: Requirements for electrical/electronic/programmable electronic safety-related systems

IEC 61508-3, Functional Safety of Electrical / Electronic / Programmable Electronic Safety-Related Systems, Part 3: Software Requirements

ISO 13849-1, Safety of machinery - Safety-related parts of control systems - Part 1: General principles for design



Bruce Mahrenholz, Director North American Certification Program

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