

CERTIFICATE OF COMPLIANCE

Certificate Number E509636
Report Reference E509636-20200630
Date 2021-May-04

Issued to: Inxpect S.p.a.
Via Serpente, 91
BresciaBS 25131 IT

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

PROTECTIVE DEVICES RESPONSIVE TO DIFFUSE
REFLECTION OF RADAR

See Addendum Page for Product Designation(s).

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
<https://iq.ulprospector.com> for additional information

This Certificate of Compliance does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

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

Radar System, Control unit models LBK-C22, ISC-B01 and Radar sensor model LBK-S01

Cat. Nos - LBK-S01-XX, LBK-S01-XX-XX, LBK-S01-XXX-XX, LBK-S01-XXX, LBK-C22-XX, LBK-C22-XX-XX, LBK-C22-XXX-XX, LBK-C22-XXX, ISC-B01-XX, ISC-B01-XX-XX, ISC-B01-XXX-XX, ISC-B01-XXX

Where XX, XX-XX, XXX-XX, or XXX are two or three alphanumeric digits indicating not safety information (commercial purposes)

Standard(s) for Safety:

UL 61010-1 - UL Standard for Safety for Electrical Equipment For Measurement, Control, and Laboratory Use – Part 1.
CAN/CSA 61010-1 - Standard for Safety for Electrical Equipment For Measurement, Control, and Laboratory Use – Part 1.
CAN/CSA-C22.2 NO. 61010-1-12 - Canadian Standard for Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1.
IEC 61496-1 - Electro-Sensitive Protective Equipment, Part 1: General Requirements and Tests.
UL61496-1 - 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).
CRD of IEC 61496-3 - Certification Requirement Decision - Additional Considerations for Protective Devices Responsive to Diffuse Reflection of Radar (PDRDRR).
UL 1998 - STANDARD FOR SOFTWARE IN PROGRAMMABLE COMPONENTS.
IEC 62061 - IEC 62061 Safety of machinery - Functional safety of safety-related electrical, electronic and programmable electronic control systems.
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.
ISO 13849-2 - ISO 13849-2 Safety of machinery - Safety-related parts of control systems - Part 2: Validation.



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