

**Certified Original Copy**

# Certificate of Conformity

LOVAG-Certificate No.: FR15-012

### Apparatus

Inductive proximity switches

### Designation Type

References: XS1..BL and XS2..BL series

(Detailed references are given in the Test Report No. 41035\_D14-1323)

Trademark: Telemecanique Sensors

### Manufacturer

SCHNEIDER ELECTRIC INDUSTRIES SAS  
Boulevard Salvador Allende – ZI n°3  
16 340 L'ISLE D'ESPAGNAC - FRANCE

### Applicant:

SCHNEIDER ELECTRIC INDUSTRIES SAS  
Boulevard Salvador Allende – ZI n°3  
16 340 L'ISLE D'ESPAGNAC - FRANCE

### Verified by:

ASEFA platform G01

The apparatus, constructed in accordance with the description mentioned in the Reports listed in this Certificate has been subjected to the series of proving verifications in accordance with IEC 60947-5-2 Ed.3.0 (2007) + amendment 1 (2012) and EN 60947-5-2 (2007) + A1 (2012)

The results are shown in the Report in accordance to LOVAG. The values obtained and the general performance are considered to comply with the above Standard(s) and to justify the characteristics assigned by the manufacturer as stated below

This document includes Test Report No. 41035\_D14-1323, Issue Date: 2015-03-16; Test Report No. 41035\_201409358\_001, Issue Date: 2015-03-02

This Certificate applies only to the apparatus verified. The responsibility for conformity of any apparatus having the same designation with that verified rests with the manufacturer or responsible vendor.

This certificate has been prepared according to LOVAG (Low Voltage Agreement Group) Objectives and Operating Principles of mutual recognition. The responsible certification body as a member of LOVAG issues a Certificate of Conformity with the above mentioned Standard(s) following the exclusive use of LOVAG Verification instruction wherever applicable.

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Rated insulation voltage, $U_i$	36 Vdc			
Utilization category	DC-12, DC-13			
Rated operational voltage, $U_e$	24 Vdc			
Rated operational current, $I_e$	200 mA			
Diameter (threaded)	12 mm	18 mm	30 mm	
Rated operating distance, $S_n$	XS1..BL	2 mm	5 mm	10 mm
	XS2..BL	4 mm	8 mm	15 mm
Mounting conditions	XS1..BL	embeddable		
	XS2..BL	non-embeddable		
Other characteristics are given in the Test Report mentioned below				

### Responsible Certification Body:



**ASEFA**  
33, avenue du Général Leclerc  
92260 Fontenay-aux-Roses - France

**Marie-Elisabeth d'ORNANO**

po. Vincent SCHUHL

Authorized Signature

Date : 2015-11-23



## LOVAG CERTIFICATES

LOVAG	is the Low Voltage Agreement Group, which is a Mutual Agreement Group of Certification Bodies founded in 1991, which has achieved a high level of competence in testing and certification of low voltage equipment. LOVAG's main purpose as an Agreement Group shall be for the mutual recognition of test reports and/or certificates of conformity by its signatories.
Membership	LOVAG presently has seven signatories (Certification Bodies) to the Agreement: ACAE (Italy), ALPHA at VDE (Germany), Applus+ Laboratories (Spain), ASEFA (France), IMQ (Italy), Intertek Semko AB (Sweden), and SGS Belgium NV - Division SGS CEBC (Belgium) and employs about 40 Testing Laboratories.
Certificates	LOVAG Certificates are issued by the LOVAG Certification Bodies using verification reports and certificates in a common and recognisable format in the market. They are recognised and accepted in the European Economic Area and elsewhere in the world.
LOVAG Instructions	LOVAG uses common Instructions for verification by Testing, Comparison or Assessment of the International and Standards covered by the Agreement and signatories to the Agreement abide by these when verifying for LOVAG Certification.
Qualifications	All signatory bodies to the Agreement are accredited to ISO IEC 17065 or EN 45011 by accreditors being members of IAF, the International Accreditation Forum. They are located in a member country of the EU and their laboratories are accredited and/or assessed to EN ISO/IEC 17025.

For further information contact your local certification body or the Secretariat of LOVAG by e-mail or by fax from the list below

### LOVAG Certification Bodies and LOVAG Secretariat:

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