

certificate
no. **ET 16102**
dated 19.07.2016

Translation

EC-Type Test Certificate

Name and address of the holder of the certificate: (customer): **K.A. Schmersal GmbH & Co. KG
Möddinghofe 30
42279 Wuppertal**

Name and address of the Manufacturer: **K.A. Schmersal GmbH & Co. KG
Möddinghofe 30
42279 Wuppertal**

Product designation: Proximity device

Type: Safety switch device in connection with "magnet sensor" and "actuator": AES 1337
BNS...
BP...
(variants: see attachment)

Intended purpose:

Testing based on:

DIN EN 60947-5-3	Low-voltage switchgear and controlgear - Part 5-3: Control circuit devices and switching elements - Requirements for proximity devices with defined behaviour under fault conditions (PDDB)	2014-12
DIN EN ISO 13849-2	Safety of Machinery - Safety-related parts of control systems - Part 1: General principles for design	2013-02
GS-ET 14	Supplementary requirements for the testing and certification of proximity devices for safety functions	2015-05


Remarks: The safety-related function "interrupting the contact current paths 13/14, 23/24 and 33/34 of the safety switch device in the absence of the actuator" will be carried out with category 3 and PL "d" in according to DIN EN ISO 13849-1 (2016-06).


The type tested complies with the provisions laid down in the directive 2006/42/EC (**Machinery**).

The present certificate is valid until: **30.06.2021**

Further provisions concerning the validity, the extension of the validity and other conditions are laid down in the Rules of Procedure for Testing and Certification of August 2012.

Az: NP.520.01 / 15-105-VT01 / Wld/AI


Dipl.-Ing. Stefan Stommel
Manager of the Certification Body



Anlage zur

**EG-Baumusterprüfbescheinigung /
EC-Type Test certificate:**

ET 16102

**DGUV Test Zertifikat /
DGUV Test Certificate:**

ET 16103

**Bescheinigungsinhaber / :
Holder of the certificate**

K.A. Schmersal GmbH & Co. KG
Möddinghofe 30, 42279 Wuppertal

**Produktbezeichnung / :
Product designation**

Berührungsloswirkender Positionsschalter

Typ / Type :

AES 1337 +BNS... +BP...

Nachfolgend aufgeführte Sicherheitsbausteine in Kombination mit je einem Magnetsicherheitsschalter und zugehörigem Betätigungsmagnet sind Bestandteil der Zertifikate /
The certificates contain the following types of Safety switch device in combination with each of one magnet safety sensor and one operating magnet:

Sicherheitsbaustein AES 1337 In Kombination mit:	Magnetsensor BNS... <i>Magnet safety sensor BNS...</i> Angaben in Klammern sind optional / <i>Data in brackets not mandatory</i>	Betätigungsmagnet BPS.../ <i>Operating magnet BPS...</i>
AES 1337	BNS 16-11z BNS 16-12z	BPS 16
	BNS 36-11z(G)(-ST/LST)-L/R(-2750) BNS 36-02z(G)(-ST/LST)-L/R(-2750) BNS 36-11/01z(G)(-ST/LST)-L/R(-2750) BNS 36-02/01z(G)(-ST/LST)-L/R(-2750) BNS 36-02/10z(G)(-ST/LST)-L/R(-2750)	BPS 36-1 (2750) BPS 36-2 (2750)
	BNS 33-11z(G)(-2237)	BPS 33
	BNS 33S-12z(G)	BPS 33S
	BNS 40S-12z-(G)-(C) BNS 40S-12z LST	BPS 40S; BPS 40S-1; BPS 40S-1-C; BPS 40S-2; BPS 40S-2C
	BNS-B20-12z	BNS-B20-B01
	BNS 120-11z	BP 10
	BNS 180-11z	BP 10
	BNS 250-11z(G)	BPS 250
	BNS 260-11z(G)(-ST/LST)-L/R	BPS 260-1 BPS 260-2
	BNS 303-11z(G)	BPS 300
	Optionen / <i>Options:</i> G: zusätzliche LED / <i>additional LED</i> ST: Stecker-Anschluss / <i>Plug-connection</i> LST: Stecker mit Leitung (*) / <i>Plug with wiring (*)</i> (*) +Angabe Kabellänge/+ <i>length of cable</i> L: Türanschlag links / <i>Door stop left</i> R: Türanschlag rechts / <i>Door stop right</i> 2750: vergrößerter Schaltabstand / <i>enlarged switching distance</i> C: rückseitige Gewindebohrung / <i>Rear-side threaded hole</i>	

Köln, 19.07.2016

Az.: NP.520.01 / 15-105-VT01 / Wld/AI


Bernd Wieland
Zertifizierer

