

certificate
no. **ET 16032**
dated 01.02.2016

Translation

EC-Type Test Certificate

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

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

Product designation: Proximity device

Type: Safety switch device AES 2...(see attachment)
+ magnet sensor BNS... (see attachment)
+ actuator BP... (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 behavior 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 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 (2008-12).

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

The present certificate is valid until: **31.12.2020**

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: 23.520.01 / 14-093-VT01 / Wld /Wi


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



Anlage zur

EG-Baumusterprüfbescheinigung: ET 16032
DGUV Test Zertifikat: ET 16033

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

Produktbezeichnung: Berührungsloswirkender Positionsschalter

Typ: AES2... +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 2..... In Kombination mit:	Magnetsensor BNS... Magnet safety sensor BNS... Angaben in Klammern sind optional Data in brackets not mandatory	Betätigungsmagnet BPS.../ Operating magnet BPS...
AES 2135/2136 AES 2335/2336 AES 2355/2366 AES 2365/2366 AES 2535/2536 AES 2555/2556 AES 2565/2566	BNS 16-11z BNS 16-12z	BPS 16 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) BNS 33-12z BNS 33-02z	BPS 33 BPS 33 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 BNS 120-12z BNS 120-02z	BP 10 BP 10 BP 10
	BNS 180-11z BNS 180-12z BNS 180-02z	BP 10 BP 10 BP 10
	BNS 250-11z(G) BNS 250-12z(G)	BPS 250 BPS 250
	BNS 260-11z(G)(-ST/LST)-L/R BNS 260-02z(G) (-ST/LST)-L/R	BPS 260-1 BPS 260-2
	BNS 303-11z(G) BNS 303-12z(G) BNS 303-02z	BPS 300
	Optionen/Options: G: zusätzliche LED/additional LED ST: Stecker-Anschluss/Plug-connection LST: Stecker mit Leitung (*)/Plug with wiring (*) (*) +Angabe Kabellänge/+ length of cable L: Türanschlag links/Door stop left R: Türanschlag rechts/Door stop right 2750: vergrößerter Schaltabstand/enlarged switching distance C: rückseitige Gewindebohrung/Rear-side threaded hole	

Köln, 03.02.2016

Az.: 23.520.01 / 14-093-VT01/Wd/Wi

Bernd Wieland
 Zertifizierer

