



# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

本翻译文件不具有法律效力，  
不得单独使用  
This translated document  
does not have legal validity and  
cannot be used in isolation

**CERTIFICATE NO.:** 2024010305677543

**NAME AND ADDRESS OF THE APPLICANT**

K.A. Schmersal GmbH & Co. KG  
Moedinghofe 30, D-42279 Wuppertal, Germany

**NAME AND ADDRESS OF THE MANUFACTURER**

K.A. Schmersal GmbH & Co. KG  
Moedinghofe 30, D-42279 Wuppertal, Germany

**NAME AND LOCATION OF THE FACTORY**

K.A. Schmersal GmbH & Co. KG  
Moedinghofe 30, D-42279 Wuppertal, Germany

**PRODUCT NAME,MODEL AND SPECIFICATION**

Inductive Proximity Switch

IFL...-250, IFL...-310,IFL...-333,IFL...-333E,IFL...-384,IFL...-385 : Ui : 250V ; Ue :  
15...250VAC,15...250VDC/VAC,10...40VDC,10...60VDC,15...150VDC ;Ie :200mA,300mA,400mA,500mA ;Utilization  
Category : AC-12 ; Sn : 2,4,15,20,30,50mm ; f : AC:10Hz,DC:25,50,100,500,800,1000Hz ; IP67/IP65 with option"Y" ;  
See the appendix

**STANDARDS AND TECHNICAL REQUIREMENTS FOR THE PRODUCTS**

GB/T 14048.10-2016

This is to certify that the above mentioned product(s) complies with the requirements of  
implementation rules for compulsory certification(REFNO. CNCA-C03-02:2024).

**Valid from:** Aug.16,2024

**Valid until:** Aug.15,2029

The certificate information and validity could be checked by scanning the QR code below or logging in to  
the website of the issuing authority, or on the website of the CNCA (www.cnca.gov.cn).



SIGNATURE:

谢肇煦



中国质量认证中心  
CHINA QUALITY CERTIFICATION CENTRE

CHINA QUALITY CERTIFICATION CENTRE CO., LTD.





# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

本翻译文件不具有法律效力，  
不得单独使用  
This translated document  
does not have legal validity and  
cannot be used in isolation

CERTIFICATE NO. : 2024010305677543

Appendix : Page 1 of 2

Type description :

IFL (1)-(2)-(3)(4)(5)(6)-(7)		
Number	Option	Description
<b>(1)</b>	2	Switch distance 2 mm
	4	Switch distance 4 mm
	15	Switch distance 15 mm
	20	Switch distance 20 mm
	30	Switch distance 30 mm
	50	Switch distance 50 mm
<b>(2)</b>	250	Housing construction: Block 250 - with cable 40 x 25 x 12 mm
	310	Housing construction: Block 310 -with cable 88 x 25 x 13 mm
	333	Housing construction: Block 333 -with wiring compartment, cable gland PG13,5 40x112x40 mm
	333E	Housing construction: Block333E - with cable 36,5x36,5x36,5 mm
	384	Housing construction: Block 384 -with wiring compartment, cable gland PG13,5 55x120x40 mm
	385	Housing construction: Block 385 -with wiring compartment, cable gland PG13,5 80x135x40 mm
	<b>(3)</b>	01
10		Normally open contact (NO)
10/01		Normally open contact (NO) / Normally closed contact (NC) with screw Wiring compartment ("programmable")
11		Normally open contact (NO) / Normally closed contact (NC) antivalent

This page is attached to the certificate and should be used at the same time as the certificate page.



中国质量认证中心  
CHINA QUALITY CERTIFICATION CENTRE

CHINA QUALITY CERTIFICATION CENTRE CO., LTD.



# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

本翻译文件不具有法律效力，  
不得单独使用  
This translated document  
does not have legal validity and  
cannot be used in isolation

CERTIFICATE NO. : 2024010305677543

Appendix : Page 2 of 2

(4)	Blank	Standard product / no „A“ or „D“ option
	A	Suitable for alternating current and direct current (AC/DC)
	D	DC, two-wire
(5)	Blank or Z	Protection class IP67
	Y	Protection class IP65
(6)	Blank	AC
	N	DC, n-type(npn)
	P	DC, p-type(pnp)
	G	Old designation for LED indicator (now standard products always with LED, G can also be removed)
(7)	xxxx-xx	Indicator for minor customer-specific design change, without change for function or structure. for example: special cable length “5,0M” / or to indicate special Cable Gland (“M20”)

This page is attached to the certificate and should be used at the same time as the certificate page.



中国质量认证中心  
CHINA QUALITY CERTIFICATION CENTRE

CHINA QUALITY CERTIFICATION CENTRE CO., LTD.