



# CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

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**CERTIFICATE NO.:** 2024010305668687

**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 12/120/18/180/200/30/300/400;Ui: 250V;Ue: 15...250VAC, 15...250VAC/DC, 10...60VDC, 5...40VDC,  
10...40VDC;Ie: 200mA, 300mA, 400mA, 500mA ; Utilization Category: AC-12, DC-12 ; Sn: 2mm, 4 mm, 5 mm, 8 mm, 10  
mm, 15 mm, 20mm ; f: 10 Hz, 15 Hz, 100 Hz, 200 Hz, 350 Hz, 500 Hz, 550 Hz, 600Hz;IP67, IP65(Y option)

**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.01,2024

**Valid until:** Jul.31,2029

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.





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Type description :

## IFL (1)-(2)(3)-(4)(5)(6)(7)(8)-(9)

Number	Option	Description
(1)	2	Switch distance 2 mm
	4	Switch distance 4 mm
	5	Switch distance 5 mm
	8	Switch distance 8 mm
	10	Switch distance 10 mm
	15	Switch distance 15 mm
	20	Switch distance 20 mm
		If follow with "B"
(2)	12	cylinder, thread M12, Metal film
	120	cylinder, thread M12, Plastic
	18	cylinder, thread M18, Metal film
	180	cylinder, thread M18, Plastic
	200	cylinder smooth, Ø 20 mm, Plastic
	30	cylinder, thread M30, Metal film
	300	cylinder, thread M30, Plastic
	400	cylinder smooth, Ø 40 mm, Plastic
(3)	blank	Included in standard version Design
	L	Long design
(4)	01	Normally closed contact (NC)
	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.



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(5)	Blank or Z	Protection class IP67
	Y	Protection class IP65
(6)	blank	with cable (standard), except 10/01( with screw wiring).
	ST	with connector
	T	with tube for cable protection
	A	for alternating current/direct current AC/DC
	D	DC two-wire
(7)	blank	AC
	N	DC, n-type(npn)
	P	DC, p-type(pnp)
	G	Old designation for LED indicator*) (now standard products always have LED, G can also be removed) *)can also be combined with "N" or "P"
(8)	blank	without intern protection against short circuit
	K1	with intern protection against short circuit.
(9)	XXXX-XX	indicator for minor customer-specific design change, without change for function or structure. for example: special cable length "5,0M"

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