



IFL2-6.5M-10P

- DC 3-wire
- Metal enclosure
- Design Ø 6.5 mm

Data

Ordering data

	IFL 2-6.5M-10P
	101112854
EAN (European Article Number)	4030661085463
eCl@ss number, Version 9.0	27-27-01-01

General data

	IFL Ø 6.5 mm
	IEC/EN 60947-5-2
	DIN VDE 0660-208
Housing construction form	Cylinder smooth
Installation conditions (mechanical)	flush
Enclosure material	Brass
Enclosure coating material	nickel-plated
Material of the terminal fixing	Thermoplastic
Gross weight	65.3 g

General data - Features

Integral System Diagnostics, status	Yes
Number of cable wires	3

Mechanical data

Switch distance	2 mm
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Mechanical data - Connection technique

Terminal Connector	Cable
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Length of cable	2 m
Wire cross-section	0.1 mm ²
	PVC

Mechanical data - Dimensions

Diameter of sensor	6.5 mm
Height of sensor	6.5 mm
Length of sensor	42 mm
Width of sensor	6.5 mm

Ambient conditions

Protection class	IP 67 to IEC/EN 60529
Ambient temperature, minimum	-25 °C
Ambient temperature, maximum	+70 °C
Protection rating	0

Electrical data

Voltage type	DC (direct current)
Operating voltage, minimum	10 V
Operating voltage, maximum	30 V
No-load current	3.4 mA
Operating current	200 mA
Switching element	Normally open contact (NO)
	inductive interference protection
Protection circuit integrated	Protection against polarity reversal
	Surge protection
	Max. fuse rating
Switching frequency, approx.	3,000 Hz

Electrical data - Digital Output

Voltage drop U_d , maximum	1.2 V
Current at Voltage drop U_d	0.2 A
Versions	p-type

Status indication

Note (Integral System Diagnostics, status)	yellow LED
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Scope of delivery

Note (included in delivery, number and type)	Clamp H 6.5 is included in delivery
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Ordering code

Product type description:

IFL (1)-(2)(3)-(4)(5)(6)(7)

(1)

2 Switching distance 2 mm

N-2 Switching distance 1.5 mm

(2)

6.5 Cylinder, smooth, Ø 6.5 mm

(3)

without Standard body

M Miniature body

(4)

01 Opener (NC)

10 Normally open contact (NO)

11 1 NO contact / 1 NC contact antivalent

(5)

without Cable

ST Male connector

(6)

without Standard connector version

2 Alternative connector
version

(7)

N n-type

P p-type

Pictures

Photo/Product/Catalogue



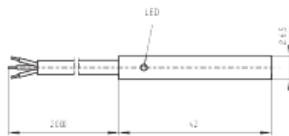
ID: kifl2f07

| 178,9 kB | .jpg | 352.778 x 529.167 mm - 1000 x 1500 Pixel - 72 dpi

| 13,3 kB | .png | 74.083 x 111.125 mm - 210 x 315 Pixel - 72 dpi

Dimension/Product/Basic

ID: 1ifl2g09

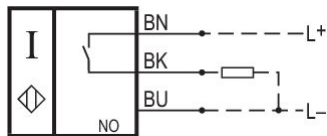


| 2,0 kB | .png | 74.083 x 51.153 mm - 210 x 145 Pixel - 72 dpi

| 17,9 kB | .cdr |

| 42,2 kB | .jpg | 352.778 x 244.475 mm - 1000 x 693 Pixel - 72 dpi

Graphic/Product/Contact



ID: id3lk05

| 31,7 kB | .cdr |

| 48,6 kB | .jpg | 352.778 x 146.756 mm - 1000 x 416 Pixel - 72 dpi

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The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.

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