



IFL2-8M-10N

- DC 3-wire
- Design M 8 x 1
- miniature body
- Metal enclosure

Data

Ordering data

	IFL 2-8M-10N
	101113527
EAN (European Article Number)	4030661085524
eCl@ss number, Version 9.0	27-27-01-01

General data

	IFL - M8
	IEC/EN 60947-5-2
	DIN VDE 0660-208
Housing construction form	Cylinder, thread
Installation conditions (mechanical)	flush
Enclosure material	Brass
Enclosure coating material	nickel-plated
Active area	Plastic
Material of the nuts	Brass
Gross weight	55 g

General data - Features

Integral System Diagnostics, status	Yes
Number of cable wires	3

Mechanical data

Switch distance	2 mm
Tightening torque of nuts, maximum	6 Nm

Mechanical data - Connection technique

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

Mechanical data - Dimensions

	M8
width across flats	13 BK
Length of sensor	42 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 against polarity reversal
Protection circuit integrated	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	n-type

Status indication

Note (Integral System Diagnostics, status)	yellow LED
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Ordering code

Product type description:

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

(1)

2 Switching distance 2 mm

3 Switching distance 3 mm

NB, MBN, BN Quasi-embeddable

(2)

8 Cylinder, thread M8

(3)

without Standard body

M Miniature body

(4)

01 Opener (NC)

10 Normally open contact (NO)

10/01 NO contact / NC contact with wiring compartment

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



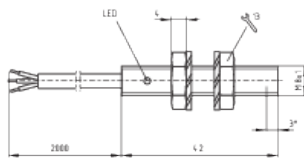
ID: kifl2f24

| 76,8 kB | .png | 74.083 x 287.867 mm - 210 x 816

Pixel - 72 dpi

| 48,3 kB | .jpg | 76.2 x 296.333 mm - 216 x 840 Pixel -
72 dpi

Dimension/Product/Basic



ID: lifl2g11

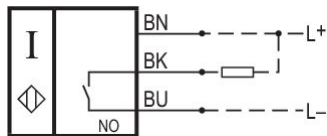
| 22,2 kB | .cdr |

| 69,1 kB | .jpg | 352.778 x 243.769 mm - 1000 x 691

Pixel - 72 dpi

| 6,3 kB | .png | 74.083 x 51.153 mm - 210 x 145 Pixel
- 72 dpi

Graphic/Product/Contact



ID: id3lk07

| 49,0 kB | .jpg | 352.778 x 146.756 mm - 1000 x 416

Pixel - 72 dpi

| 31,7 kB | .cdr |

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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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