



IFL2-8-10STP

- DC 3-wire
- Connector M12
- Design M 8 x 1
- Metal enclosure

Data

Ordering data

	IFL 2-8-10STP
	101099669
EAN (European Article Number)	4030661085852
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	80.1 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	Connector M12
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Mechanical data - Dimensions

	M8
width across flats	13 BK
Height of sensor	10.5 mm
Length of sensor	70 mm
Width of sensor	10.5 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 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	p-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

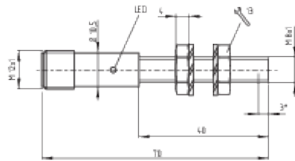


ID: kifl2f11

| 26,2 kB | .png | 74.083 x 111.125 mm - 210 x 315
Pixel - 72 dpi
| 252,6 kB | .jpg | 352.778 x 529.167 mm - 1000 x
1500 Pixel - 72 dpi

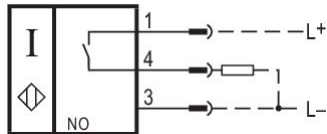
Dimension/Product/Basic

ID: lifl2g13



| 76,7 kB | .jpg | 352.778 x 243.769 mm - 1000 x 691
Pixel - 72 dpi
| 5,7 kB | .png | 74.083 x 51.153 mm - 210 x 145 Pixel
- 72 dpi
| 23,0 kB | .cdr |

Graphic/Product/Contact



ID: id3sk09

| 44,0 kB | .jpg | 352.778 x 146.756 mm - 1000 x 416
Pixel - 72 dpi
| 32,8 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.

Generated on 422021-01-31T14:47:42+01:000201Europe/BerlinSun, 31 Jan 2021 14:47:42

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