



IFL 4-12L-10STP

- DC 3-wire
- Design M12
- Long design
- Connector M12
- Metal enclosure

Data

Ordering data

	IFL 4-12L-10STP
	101112834
EAN (European Article Number)	4030661020662
eCl@ss number, Version 9.0	27-27-01-01

Approval - Standards

CCC

General data

	IFL - M 12
	IEC/EN 60947-5-2
	DIN VDE 0660-208
Housing construction form	Cylinder, thread
Installation conditions (mechanical)	not flush
Enclosure material	Brass
Enclosure coating material	nickel-plated
Active area	Plastic
Material of the nuts	Nickel plated brass
Gross weight	32 g

General data - Features

Integral System Diagnostics, status	Yes
Number of cable wires	3

Mechanical data

Switch distance 4 mm

Mechanical data - Connection technique

Terminal Connector Connector M12

Mechanical data - Dimensions

M12
Length of sensor 71 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 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. 500 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

Notes

Note (General) Instead of nuts, a mounting clamp can be provided.

Ordering code

Product type description:

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

(1)

2 Switching distance 2 mm

4 Switching distance 4 mm

NB, MBN, BN Quasi-embeddable

(2)

12 Cylinder, thread M12, metal

120 Cylinder, thread M12, plastic

(3)

without Standard body

M Miniature body

L Long design

(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

T Conductor with strain relief

(6)

without Standard connector version

2 Alternative connector
version

(7)

N n-type

P p-type

(8)

K Max. fuse rating

1 pulsed

(9)

2033 Stainless steel enclosure

Pictures

Photo/Product/Catalogue



ID: kifl4f22

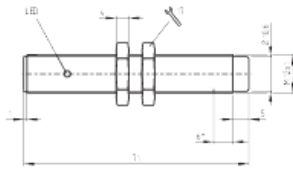
| 37,0 kB | .png | 74.083 x 111.125 mm - 210 x 315

Pixel - 72 dpi

| 365,2 kB | .jpg | 352.778 x 529.167 mm - 1000 x

1500 Pixel - 72 dpi

Dimension/Product/Basic



ID: 1ifl4g21

| 64,2 kB | .jpg | 352.778 x 243.769 mm - 1000 x 691

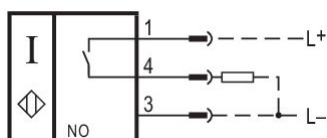
Pixel - 72 dpi

| 22,0 kB | .cdr |

| 2,9 kB | .png | 74.083 x 51.153 mm - 210 x 145 Pixel

- 72 dpi

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.

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