

IFL15-30L-10/01P

- DC 3-wire
- Design M30
- Long design
- Metal enclosure
- Wiring compartment
- 1 Cable entry PG9 x 1.5

Data

Ordering data

	IFL 15-30L-10/01P
	101127034
EAN (European Article Number)	4030661278346
eCl@ss number, Version 9.0	27-27-01-01

Approval - Standards

CCC

General data

	IFL - M30
	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	Brass
Gross weight	140 g

General data - Features

Integral System Diagnostics, status	Yes
Number of cable wires	3

Mechanical data

Switch distance	15 mm
Tightening torque of nuts, maximum	30 Nm

Mechanical data - Connection technique

Terminal Connector	Screw connection 1 x 1.5 mm ²
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Mechanical data - Dimensions

	M30
width across flats	36 BK
Length of sensor	118 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	60 V
No-load current	5.5 mA
Operating current	400 mA
Switching element	NO contact or NC contact
Protection circuit integrated	inductive interference protection Protection against polarity reversal
Switching frequency, approx.	100 Hz

Electrical data - Digital Output

Voltage drop U_d , maximum	1.5 V
Current at Voltage drop U_d	0.4 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.
Programmable by repositioning the plug-in jumper at the terminal screws

Ordering code

Product type description:

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

(1)

10 Switching distance 10 mm

15 Switching distance 15 mm

(2)

30 Cylinder, thread M30, metal

300 Cylinder, thread M30, 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

D DC 2-wire

(6)

without Standard connector version

2 Alternative connector version

(7)

N n-type

P p-type

(8)

- 1310** Can be used up to +110 C (for alternating current (AC) only)
- 2130** Can be used up to +130 C, without LED switching conditions display
- 1766** Can be used up to +110 C (for p-type or n-type only)

Pictures

Photo/Product/Catalogue

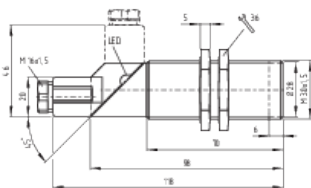


ID: kifl1f19

| 64,5 kB | .png | 74.083 x 111.125 mm - 210 x 315
Pixel - 72 dpi

| 689,0 kB | .jpg | 352.778 x 529.167 mm - 1000 x
1500 Pixel - 72 dpi

Dimension/Product/Basic



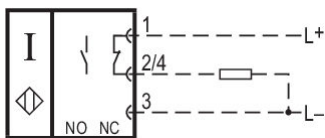
ID: lifl1g10

| 105,8 kB | .jpg | 352.778 x 243.769 mm - 1000 x 691
Pixel - 72 dpi

| 26,7 kB | .cdr |

| 7,9 kB | .png | 74.083 x 51.153 mm - 210 x 145 Pixel
- 72 dpi

Graphic/Product/Contact



ID: id3ak17

| 25,7 kB | .cdr |

| 50,3 kB | .jpg | 352.778 x 146.756 mm - 1000 x 416
Pixel - 72 dpi

Illistration/Product/Function



ID: sifl1dd01

| 50,1 kB | .jpg | 352.778 x 149.578 mm - 1000 x 424
Pixel - 72 dpi

| 1,4 kB | .png | 74.083 x 31.397 mm - 210 x 89 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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