



IFL10-30-10T

- AC 2-wire
- Design M30
- Metal enclosure
- Double-insulated

Data

Ordering data

	IFL 10-30-10T
	101141542
EAN (European Article Number)	4030661122427
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)	flush
Enclosure material	Brass
Enclosure coating material	nickel-plated
Active area	Plastic
Material of the nuts	Brass
Gross weight	205 g

General data - Features

Integral System Diagnostics, status	Yes
Cable sleeve	Yes
Number of cable wires	2

Mechanical data

Switch distance	10 mm
Tightening torque of nuts, maximum	30 Nm

Mechanical data - Connection technique

Terminal Connector	Cable H03VV-F
Length of cable	2 m
Wire cross-section	0.5 mm ² PVC

Mechanical data - Dimensions

	M30
width across flats	36 BK
Length of sensor	100 mm

Ambient conditions

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

Ambient conditions - Insulation value

Rated impulse withstand voltage	4 kV
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Electrical data

Voltage type	AC (alternating current)
Rated supply frequency, minimum	45 Hz
Rated supply frequency, maximum	65 Hz
Operating voltage, minimum	15 V
Operating voltage, maximum	250 V
Operating current, minimum	10 mA
Operating current	500 mA
Switching element	Normally open contact (NO)
Protection circuit integrated	inductive interference protection
Switching frequency, approx.	10 Hz

Electrical data - Digital Output

Voltage drop U_d , maximum	4.5 V
Current at Voltage drop U_d	0.2 A
Versions	Two-wire

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)

(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

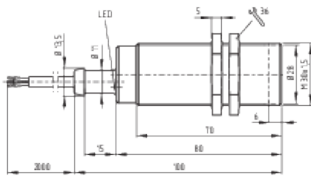


ID: kifl1f06

| 47,0 kB | .png | 74.083 x 111.125 mm - 210 x 315
Pixel - 72 dpi

| 503,6 kB | .jpg | 352.778 x 529.167 mm - 1000 x 1500 Pixel - 72 dpi

Dimension/Product/Basic



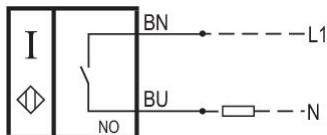
ID: 1ifl1g06

| 25,3 kB | .cdr |

| 88,3 kB | .jpg | 352.778 x 245.181 mm - 1000 x 695
Pixel - 72 dpi

| 6,8 kB | .png | 74.083 x 51.506 mm - 210 x 146 Pixel
- 72 dpi

Graphic/Product/Contact



ID: ia2lk01

| 29,6 kB | .cdr |

| 39,3 kB | .jpg | 352.778 x 148.167 mm - 1000 x 420
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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