



IFL10-30L-11TP-1766

- DC 4-wire
- Design M30
- Long design
- Metal enclosure

Data

Ordering data

	IFL 10-30L-11TP-1766
	101127008
EAN (European Article Number)	4030661278162
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	180 g

General data - Features

Integral System Diagnostics, status	Yes
Cable sleeve	Yes
Number of cable wires	4

Mechanical data

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

Mechanical data - Connection technique

Terminal Connector	Cable
Length of cable	2 m
Wire cross-section	0.3 mm ²
Material of the Cable mantle	Thermoflex

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	+0 °C
Ambient temperature, maximum	+110 °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	200 mA
Switching element	NO contact and NC contact (antivalent)
Protection circuit integrated	inductive interference protection Protection against polarity reversal
Switching frequency, approx.	150 Hz

Electrical data - Digital Output

Voltage drop U_d , maximum	1 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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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

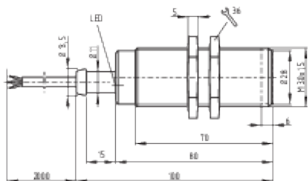


ID: kifl1f50

| 43,4 kB | .png | 74.083 x 111.125 mm - 210 x 315 Pixel - 72 dpi

| 456,5 kB | .jpg | 352.778 x 529.167 mm - 1000 x 1500 Pixel - 72 dpi

Dimension/Product/Basic



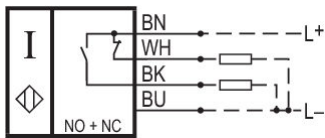
ID: 1ifl1g36

| 93,9 kB | .jpg | 352.778 x 243.769 mm - 1000 x 691 Pixel - 72 dpi

| 26,1 kB | .cdr |

| 6,8 kB | .png | 74.083 x 51.153 mm - 210 x 145 Pixel - 72 dpi

Graphic/Product/Contact



ID: id4lk13

| 60,7 kB | .jpg | 352.778 x 146.756 mm - 1000 x 416 Pixel - 72 dpi

| 35,2 kB | .cdr |