



IFL10-30L-10/01P

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

Data

Ordering data

	IFL 10-30L-10/01P
	101127017
EAN (European Article Number)	4030661278230
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	140 g

General data - Features

Integral System Diagnostics, status	Yes
Number of cable wires	3

Mechanical data

Switch distance	10 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.	350 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)

1766 Can be used up to +110 C (for p-type or n-type only)

| 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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