



IFL 15-300M-10P

- DC 3-wire
- Design M30
- miniature body
- Thermoplastic enclosure

Data

Ordering data

	IFL 15-300M-10P
	101084080
EAN (European Article Number)	4030661019291
eCl@ss number, Version 9.0	27-27-01-01

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	Plastic
Active area	Plastic
Material of the nuts	Plastic
Material of the washer	Perbunan [®]
Gross weight	105 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	4 Nm

Mechanical data - Connection technique

Terminal Connector	Cable
Length of cable	2 m
Wire cross-section	0.3 mm ²
	PVC

Mechanical data - Dimensions

	M30
width across flats	36 BK
Length of sensor	30 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	3.5 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.	100 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
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Notes

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

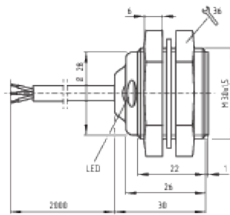


ID: kifl1f33

| 256,5 kB | .jpg | 352.778 x 529.167 mm - 1000 x 1500 Pixel - 72 dpi

| 17,8 kB | .png | 74.083 x 111.125 mm - 210 x 315 Pixel - 72 dpi

Dimension/Product/Basic



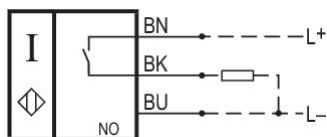
ID: lifl1g32

| 7,1 kB | .png | 74.083 x 51.153 mm - 210 x 145 Pixel - 72 dpi

| 87,5 kB | .jpg | 352.778 x 243.769 mm - 1000 x 691 Pixel - 72 dpi

| 24,3 kB | .cdr |

Graphic/Product/Contact



ID: id3lk05

| 31,7 kB | .cdr |

| 48,6 kB | .jpg | 352.778 x 146.756 mm - 1000 x 416 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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