



IFL15-300L-11TP

- DC 4-wire
- Design M30
- Long design
- Double-insulated
- Thermoplastic enclosure

Data

Ordering data

	IFL 15-300L-11TP
	101126964
EAN (European Article Number)	4030661277981
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	Plastic
Active area	Plastic
Material of the nuts	Plastic
Material of the washer	Perbunan [®]
Gross weight	120 g

General data - Features

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

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
Height of sensor	28 mm
Length of sensor	100 mm
Width of sensor	28 mm

Ambient conditions

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

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 and NC contact (antivalent)
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
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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

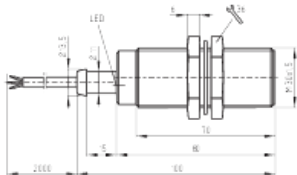


ID: kifl1f54

| 36,4 kB | .png | 74.083 x 111.125 mm - 210 x 315 Pixel - 72 dpi

| 440,7 kB | .jpg | 352.778 x 529.167 mm - 1000 x 1500 Pixel - 72 dpi

Dimension/Product/Basic



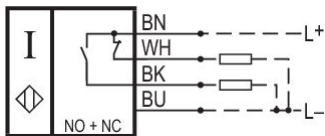
ID: 1ifl1g41

| 25,1 kB | .cdr |

| 3,5 kB | .png | 74.083 x 51.153 mm - 210 x 145 Pixel - 72 dpi

| 87,6 kB | .jpg | 352.778 x 243.769 mm - 1000 x 691 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 |