



IFL 15-300L-01TP

- DC 3-wire
- Design M30
- Long design
- Thermoplastic enclosure

Data

Ordering data

	IFL 15-300L-01TP
	101131315
EAN (European Article Number)	4030661050737
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	125 g

General data - Features

Integral System Diagnostics, status	Yes
Cable sleeve	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	100 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 mA
Operating current	200 mA
Switching element	Opener (NC)
	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.

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)

