



IFL15-30-10STP

- DC 3-wire
- Design M30
- Connector M12
- miniature body
- Metal enclosure

Data

Ordering data

	IFL 10-30L-10TP
	101108111
EAN (European Article Number)	4030661018706
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	Brass
Enclosure coating material	nickel-plated
Active area	Plastic
Material of the nuts	Brass
Gross weight	125 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	30 Nm

Mechanical data - Connection technique

Terminal Connector	Cable Connector M12
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
	II

Ambient conditions - Insulation value

Rated impulse withstand voltage	4 kV
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Electrical data

Voltage type	DC (direct current)
Rated supply frequency, minimum	45 Hz
Rated supply frequency, maximum	65 Hz
Operating voltage, minimum	10 V
Operating voltage, maximum	30 V
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.	10 Hz

Electrical data - Digital Output

Voltage drop U_d , maximum	1.2 V
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Current at Voltage drop U_d	0.2 A
Versions	p-type
Current leakage	1 mA

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

