



IFL 10-30L-11TP

- Metal enclosure
- DC 4-wire
- Long design
- Design M30

Data

Ordering data

Product type description	IFL 10-30L-11TP
Article number (order number)	101127007
EAN (European Article Number)	4030661278155
eCl@ss number, version 12.0	27-27-40-01
eCl@ss number, version 11.0	27-27-01-01
eCl@ss number, version 9.0	27-27-01-01
ETIM number, version 7.0	EC002714
ETIM number, version 6.0	EC002714

Approvals - Standards

Certificates	CCC
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General data

Standards	DIN VDE 0660-208 EN IEC 60947-5-2
Housing construction form	Cylinder, thread
Installation conditions (mechanical)	flush

Housing material	Brass
Housing coating material	nickel-plated
Active area	Plastic
Material of the nuts	Brass
Gross weight	195 g

General data - Features

Integral system diagnostics, status	Yes
Cable sleeve	Yes
Number of cable wires	4

Mechanical data

Tightening torque of nuts, maximum	30 Nm
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Mechanical data - Switching distances

Nominal switching distance S_n	10 mm
Note (switching distance)	All switching distances in accordance EN IEC 60947-5-2

Mechanical data - Connection technique

Length of cable	2 m
Termination	Cable
Number of cable wires	4
Wire cross-section	0.25 mm ²
Material of the Cable mantle	PVC

Mechanical data - Dimensions

ISO thread of the sensor	M30
width across flats	36 BK
Length of sensor	100 mm

Ambient conditions

Degree of protection	IP67
Ambient temperature	-25 ... +70 °C
Resistance to vibrations	10 ... 55 Hz, amplitude 1 mm
Resistance to shock	30 g / 11 ms
Protection class	II

Electrical data

Operating voltage	10 ... 60 VDC
Type of voltage range	DC
No-load supply current I_0 , typical	5.5 mA
Rated operating voltage	10 ... 60 VDC
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.	200 Hz

Electrical data - Digital Output

Voltage drop U_d , maximum	1.2 V
Current at Voltage drop U_d	0.4 A
Design of control elements	p-type

Status indication

Note (Integral System Diagnostics, status)	yellow LED
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Note

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)
