



IFL 10-180L-11P

- Thermoplastic enclosure
- DC 4-wire
- Long design
- Double-insulated
- Design M 18 x 1

Data

Ordering data

Product type description	IFL 10-180L-11P
Article number (order number)	101126730
EAN (European Article Number)	4030661050607
eCl@ss number, version 9.0	27-27-01-01
eCl@ss number, version 11.0	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	EN IEC 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	95 g

General data - Features

Integral system diagnostics, status	Yes
Number of cable wires	4

Mechanical data

Tightening torque of nuts, maximum	3 Nm
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Mechanical data - Switching distances according EN IEC 60947-5-3

Nominal switching distance S_n	10 mm
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Mechanical data - Connection technique

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

Mechanical data - Dimensions

ISO thread of the sensor	M18
width across flats	24 BK
Length of sensor	79 mm
Width of sensor	16.5 mm
Height of sensor	16.5 mm

Ambient conditions

Degree of protection	IP67
Ambient temperature, minimum	-25 °C
Ambient temperature, maximum	+70 °C
Protection class	II

Electrical data

Voltage type	DC (direct current)
Operating voltage, minimum	10 V
Operating voltage, maximum	60 V
No-load supply current I_0 , maximum	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.	350 Hz

Electrical data - Digital Output

Voltage drop U_d , maximum	1.5 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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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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