DATASHEET



IFL 10-200L-11P

- Thermoplastic enclosure
- DC 4-wire
- Long design
- Double-insulated
- Design Ø 20 mm

Data

Ordering data

Product type description	IFL 10-200L-11P
Article number (order number)	101126738
EAN (European Article Number)	4030661050652
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

General data

Standards	DIN VDE 0660-208 EN IEC 60947-5-2
Housing construction form	Cylinder smooth
Installation conditions (mechanical)	not flush

Housing material	Plastic
Active area	Plastic
Material of the terminal fixing	Plastic
Gross weight	126 g

General data - Features

Integral system diagnostics, status	Yes
Number of cable wires	4

Mechanical data - Switching distances according EN IEC 60947-5-3

Nominal switching distance S_n	10 mm

Mechanical data - Connection technique

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

Mechanical data - Dimensions

Diameter of sensor	20 mm
Length of sensor	79 mm
Width of sensor	20 mm
Height of sensor	20 mm

Ambient conditions

Degree of protection	IP67
Ambient temperature	-25 ... +70 °C
Protection class	II

Electrical data

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.	3,500 Hz
Type of voltage range	DC

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

Scope of delivery

Note (scope of delivery, number and type)	Clamp H 20 is included in delivery

Ordering code

Product type description:
IFL (1)-(2)(3)-(4)(5)(6)

(1)

10	Switching distance 10 mm

(2)

200	Cylinder, smooth, Ø 20 mm, plastic

(3)

without	Standard body
L	Long design

(4)

01	Opener (NC)
10	Normally open contact (NO)
11	1 NO contact / 1 NC contact antivalent

(5)

without	Cable
ST	Male connector

(6)

without	AC, alternating current
P	p-type

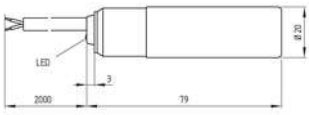
Pictures

Product picture (catalogue individual photo)



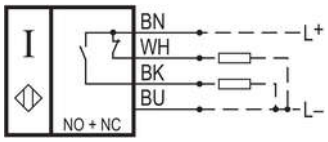
ID: kifl1f26
| 267.7 kB | .jpg | 352.778 x 529.167 mm - 1000 x 1500 px - 72 dpi
| 19.8 kB | .png | 74.083 x 111.125 mm - 210 x 315 px - 72 dpi
| 17.0 kB | .jpg | 82.197 x 123.472 mm - 233 x 350 px - 72 dpi

Dimensional drawing basic component



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| 2.0 kB | .png | 74.083 x 51.153 mm - 210 x 145 px - 72 dpi
| 38.7 kB | .jpg | 352.778 x 244.475 mm - 1000 x 693 px - 72 dpi

Diagram



ID: id4lk13
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| 60.7 kB | .jpg | 352.778 x 146.756 mm - 1000 x 416 px - 72 dpi
| 2.8 kB | .png | 74.083 x 30.692 mm - 210 x 87 px - 72 dpi

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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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