



IFL 50-385-11P-2130

- Thermoplastic enclosure
- DC 4-wire
- Double-insulated
- Wiring compartment
- 3 cable entries M 20 x 1.5
- Design 385

Data

Ordering data

Product type description	IFL 50-385-11P-2130
Article number (order number)	101116136
EAN (European Article Number)	4030661041155
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

Approval - Standards

Certificates	CCC
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General data

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

Enclosure material	Plastic
Gross weight	430 g

General data - Features

Integral System Diagnostics, status	Yes
Number of cable wires	4

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

Switch distance	50 mm
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Mechanical data - Connection technique

Terminal Connector	Screw terminals M20 x 1.5
Cable section, maximum	2 x 1.5 mm ²

Mechanical data - Dimensions

Length of sensor	40 mm
Width of sensor	80 mm
Height of sensor	135 mm

Ambient conditions

Degree of protection	IP67 to EN 60529
Ambient temperature, minimum	-25 °C
Ambient temperature, maximum	+130 °C
Protection rating	II

Electrical data

Voltage type	DC (direct current)
Operating voltage, minimum	10 V

Operating voltage, maximum	40 V
No-load supply current I_0	4 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.	50 Hz

Electrical data - Digital Output

Voltage drop U_d , maximum	1.5 V
Current at Voltage drop U_d	0.4 A
Versions	p-type

Status indication

Note (Integral System Diagnostics, status)	yellow LED
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Notes

Note (General)	Mounting angle HW 385-1 to simplify mounting available
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Ordering code

Product type description:
IFL (1)-(2)-(3)(4)(5)(6)(7)

(1)		
50		Switching distance 50 mm
(2)		
385		Square design, 135 x 80 x 40 mm
(3)		
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
(4)		
without		Cable
D		DC 2-wire
(5)		
Z		Protection class IP67
(6)		
N		n-type
P		p-type
(7)		
2130		Can be used up to +130 C, without LED switching conditions display

Pictures

Product picture (catalogue individual photo)



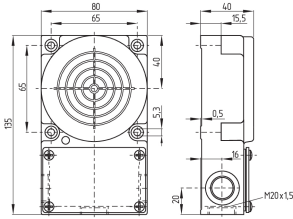
ID: kif15f26

| 1.0 MB | .jpg | 352.778 x 529.167 mm - 1000 x 1500 px - 72

dpi

| 81.3 kB | .png | 74.083 x 111.125 mm - 210 x 315 px - 72 dpi

Dimensional drawing basic component



ID: 1if15g02

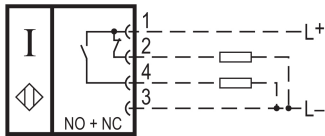
| 30.3 kB | .cdr |

| 14.1 kB | .png | 74.083 x 51.153 mm - 210 x 145 px - 72 dpi

| 164.4 kB | .jpg | 352.778 x 243.769 mm - 1000 x 691 px - 72

dpi

Diagram



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| 34.8 kB | .cdr |

| 56.9 kB | .jpg | 352.778 x 146.756 mm - 1000 x 416 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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