



IFL4-250-01P

- DC 3-wire
- Design 250
- Double-insulated
- Thermoplastic enclosure

Data

Ordering data

	IFL 4-250-01P
	101097008
EAN (European Article Number)	4030661060224
eCl@ss number, Version 9.0	27-27-01-01

Approval - Standards

CCC

General data

	IFL - 250
	IEC/EN 60947-5-2
	DIN VDE 0660-208
Housing construction form	Block
Installation conditions (mechanical)	not flush
Enclosure material	Plastic
Gross weight	86 g

General data - Features

Integral System Diagnostics, status	Yes
Number of cable wires	3

Mechanical data

Switch distance	4 mm
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Mechanical data - Connection technique

Terminal Connector	Cable
Length of cable	2 m
Wire cross-section	0.3 mm ²
	PVC

Mechanical data - Dimensions

Height of sensor	25 mm
Length of sensor	12 mm
Width of sensor	40 mm

Ambient conditions

Protection class	IP 67 to IEC/EN 60529
Ambient temperature, minimum	-25 °C
Ambient temperature, maximum	+70 °C
	II

Electrical data

Voltage type	DC (direct current)
Operating voltage, minimum	10 V
Operating voltage, maximum	40 V
No-load current	3 mA
Operating current	200 mA
Switching element	Opener (NC)
	inductive interference protection
Protection circuit integrated	Protection against polarity reversal
	Surge protection
	Max. fuse rating
Switching frequency, approx.	1,000 Hz

Electrical data - Digital Output

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

Status indication

Note (Integral System Diagnostics, status) yellow LED

Notes

Note (General)

Switches can be mounted adjacent to each other without interference.
with 2 screws M3 x 6 for rear mounting
maximum screwing depth: 6 mm

Ordering code

Product type description:

IFL (1)-(2)-(3)(4)(5)-(6)

(1)

2 Switching distance 2 mm

4 Switching distance 4 mm

(2)

250 Square design, 40 x 25 x 12 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)

N n-type

P p-type

(6)

1716 cable entries from sides

Pictures

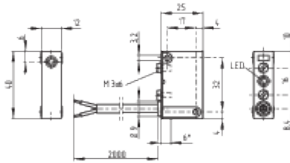
Photo/Product/Catalogue



ID: kifl4f29

| 24,5 kB | .png | 74.083 x 111.125 mm - 210 x 315
Pixel - 72 dpi
| 324,0 kB | .jpg | 352.778 x 529.167 mm - 1000 x
1500 Pixel - 72 dpi

Dimension/Product/Basic



ID: lifl2g05

| 8,1 kB | .png | 74.083 x 51.153 mm - 210 x 145 Pixel
- 72 dpi
| 95,4 kB | .jpg | 352.778 x 243.769 mm - 1000 x 691
Pixel - 72 dpi
| 30,5 kB | .cdr |

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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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