



IFL 2-250-01P

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

Data

Ordering data

	IFL 2-250-01P
	101097201
EAN (European Article Number)	4030661086682
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)	flush
Enclosure material	Plastic
Gross weight	85 g

General data - Features

Integral System Diagnostics, status	Yes
Number of cable wires	3

Mechanical data

Switch distance	2 mm
-----------------	------

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

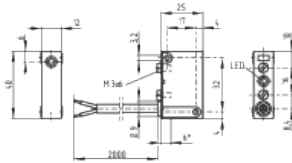
Photo/Product/Catalogue



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: 1ifl2g05

| 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 |

K.A. Schmersal GmbH & Co. KG, Möddinghofe 3, D-42279 Wuppertal

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.

Generated on 512021-01-31T15:12:51+01:000301Europe/BerlinSun, 31 Jan 2021 15:12:51

+010051pmSunday.31pm31Europe/BerlinCET1201Europe/BerlinJanuary2021Sun, 31 Jan 2021 15:12:51
+010001pm31