



IFL20-333-10/01-M20

- AC 2-wire
- Design 333
- Double-insulated
- Wiring compartment
- Thermoplastic enclosure
- 1 Cable entry M 20 x 1.5

Data

Ordering data

	IFL 20-333-10/01
	101173574
EAN (European Article Number)	4030661302737
eCl@ss number, Version 9.0	27-27-01-01

Approval - Standards

CCC

General data

	IFL - 333
	IEC/EN 60947-5-2
	DIN VDE 0660-208
Housing construction form	Block
Installation conditions (mechanical)	not flush
Enclosure material	Plastic
Material of the cover	Luran
Gross weight	170 g

General data - Features

Integral System Diagnostics, status	Yes
Number of cable wires	2

Mechanical data

Switch distance 20 mm

Mechanical data - Connection technique

Terminal Connector Screw connection
2 x 1.5 mm²

Mechanical data - Dimensions

Height of sensor 40 mm
Length of sensor 112 mm
Width of sensor 40 mm

Ambient conditions

Protection class IP 65 to IEC/EN 60529
Ambient temperature, minimum -25 °C
Ambient temperature, maximum +70 °C
II

Ambient conditions - Insulation value

Rated impulse withstand voltage 4 kV

Electrical data

Voltage type AC (alternating current)
Rated supply frequency, minimum 45 Hz
Rated supply frequency, maximum 65 Hz
Operating voltage, minimum 15 V
Operating voltage, maximum 250 V
Operating current, minimum 10 mA
Operating current 500 mA
Switching element NO contact or NC contact
Protection circuit integrated inductive interference protection
Switching frequency, approx. 10 Hz

Electrical data - Digital Output

Voltage drop U_d , maximum 4.5 V
Current at Voltage drop U_d 0.2 A
Versions Two-wire

Current leakage 1 mA

Status indication

Note (Integral System Diagnostics, status) yellow LED

Notes

Note (General) Programmable by repositioning the plug-in jumper at the terminal screws
By repositioning the switch 5 different actuating directions can be selected.
The selected actuating direction can be marked with a sticker.

Ordering code

Product type description:

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

(1)

15 Switching distance 15 mm

20 Switching distance 20 mm

(2)

333 Square design, 112 x 40 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

A Alternating current/direct current AC/DC

(5)

Y Protection class IP65

Z Protection class IP67

(6)

N n-type

P p-type

Pictures

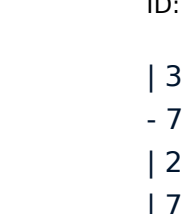
Photo/Product/Catalogue

ID: kifl2f15

| 62,2 kB | .png | 74.083 x 111.125 mm - 210 x 315
Pixel - 72 dpi

| 751,3 kB | .jpg | 352.778 x 529.167 mm - 1000 x 1500 Pixel - 72 dpi

Dimension/Product/Basic



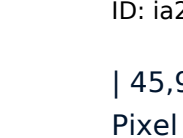
ID: 1lf1g20

| 3,3 kB | .png | 74.083 x 51.153 mm - 210 x 145 Pixel
- 72 dpi

| 23,4 kB | .cdr |

| 79,5 kB | .jpg | 352.778 x 244.475 mm - 1000 x 693
Pixel - 72 dpi

Graphic/Product/Contact



ID: ia2ak06

| 45,9 kB | .jpg | 352.778 x 148.167 mm - 1000 x 420
Pixel - 72 dpi

| 30,9 kB | .cdr |

Illustration/Product/Function



ID: sifldd01

| 50,1 kB | .jpg | 352.778 x 149.578 mm - 1000 x 424
Pixel - 72 dpi

| 1,4 kB | .png | 74.083 x 31.397 mm - 210 x 89 Pixel - 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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