



## IFL15-333-10/01-M20

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

### Data

#### Ordering data

IFL 15-333-10/01

101161734

EAN (European Article Number) 4030661196848

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) flush

Enclosure material Plastic

Material of the cover Luran

Gross weight 150 g

#### General data - Features

Integral System Diagnostics,  
status Yes

Number of cable wires 2

### Mechanical data

Switch distance 15 mm

### Mechanical data - Connection technique

Terminal Connector Screw connection  
2 x 1.5 mm<sup>2</sup>

### 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

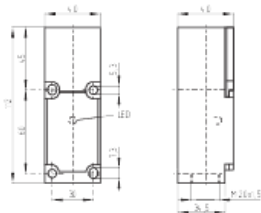
Photo/Product/Catalogue



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

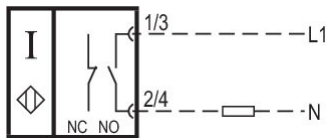
Dimension/Product/Basic



ID: lifl1g20

| 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 |

Illistration/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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