DATASHEET



IFL 20-400-11YPG

- 1 Cable entry PG9 x 1.5
- Thermoplastic enclosure
- DC 4-wire
- Double-insulated
- Wiring compartment
- Design Ø 40 mm

Data

Ordering data

Product type description	IFL 20-400-11YPG
Article number (order number)	101059986
EAN (European Article Number)	4030661038421
eCl@ss number, version 12.0	27-27-40-01
eCl@ss number, version 11.0	27-27-01-01
eCl@ss number, version 9.0	27-27-01-01
ETIM number, version 7.0	EC002714
ETIM number, version 6.0	EC002714

Approvals - Standards

Certificates	CCC

General data

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

Housing material	Plastic
Active area	Plastic
Material of the terminal fixing	Plastic
Gross weight	189 g

General data - Features

Integral system diagnostics, status	Yes
Number of cable wires	4

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

Nominal switching distance S_n	20 mm

Mechanical data - Connection technique

Termination	Screw connection
Cable section, maximum	1 x 1.5 mm²

Mechanical data - Dimensions

Diameter of sensor	40 mm
Length of sensor	108 mm
Width of sensor	40 mm
Height of sensor	40 mm

Ambient conditions

Degree of protection	IP65
Ambient temperature	-25 ... +70 °C
Protection class	II

Electrical data

No-load supply current I_0, typical	5.5 mA

Rated operating voltage	10 ... 60 VDC
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.	100 Hz
Type of voltage range	DC

Electrical data - Digital Output

Voltage drop U_d, maximum	1.5 V
Current at Voltage drop U_d	0.4 A
Design of control elements	p-type

Status indication

Note (Integral System Diagnostics, status)	yellow LED

Scope of delivery

Note (scope of delivery, number and type)	Clamp H 40 is included in delivery

Ordering code

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

(1)

20	Switching distance 20 mm

(2)

400	Cylinder, smooth, Ø 40 mm, plastic

(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
T	Conductor with strain relief

(5)

N	n-type
P	p-type

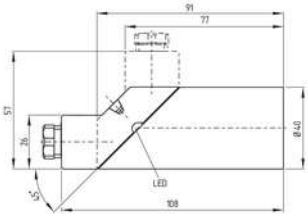
Pictures

Product picture (catalogue individual photo)



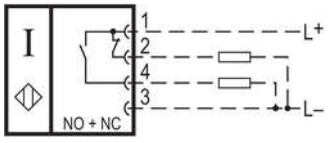
ID: kifl2f29
| 603.3 kB | .jpg | 352.778 x 529.167 mm - 1000 x 1500 px - 72 dpi
| 49.6 kB | .png | 74.083 x 111.125 mm - 210 x 315 px - 72 dpi
| 37.5 kB | .jpg | 82.197 x 123.472 mm - 233 x 350 px - 72 dpi

Dimensional drawing basic component



ID: 1ifl2g04
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| 3.6 kB | .png | 74.083 x 51.153 mm - 210 x 145 px - 72 dpi
| 81.0 kB | .jpg | 352.778 x 243.769 mm - 1000 x 691 px - 72 dpi

Diagram



ID: id4ak01
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| 56.9 kB | .jpg | 352.778 x 146.756 mm - 1000 x 416 px - 72 dpi
| 2.7 kB | .png | 74.083 x 30.692 mm - 210 x 87 px - 72 dpi

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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