



IFL 2-6,5M-10P

- Metal enclosure
- DC 3-wire
- Design Ø 6.5 mm

Data

Ordering data

Product type description	IFL 2-6,5M-10P
Article number (order number)	101112854
EAN (European Article Number)	4030661085463
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

General data

Standards	EN IEC 60947-5-2
	DIN VDE 0660-208
Housing construction form	Cylinder smooth
Installation conditions (mechanical)	flush
Housing material	Brass
Housing coating material	nickel-plated
Active area	Plastic
Material of the terminal fixing	Thermoplastic
Gross weight	66 g

General data - Features

Integral system diagnostics, status	Yes
Cable sleeve	No
Number of cable wires	3

Mechanical data - Switching distances

Nominal switching distance S_n	2 mm
Note (switching distance)	All switching distances in accordance EN IEC 60947-5-2

Mechanical data - Connection technique

Length of cable	2 m
Termination	Cable
Number of cable wires	3
Wire cross-section	0.14 mm ²
Material of the Cable mantle	PVC

Mechanical data - Dimensions

Diameter of sensor	6.5 mm
Length of sensor	42 mm
Width of sensor	6.5 mm
Height of sensor	6.5 mm

Ambient conditions

IP Degree of protection	IP67
Ambient temperature	-25 ... +70 °C
Resistance to vibrations	10 ... 55 Hz, amplitude 1 mm
Restistance to shock	30 g / 11 ms
Protection class	II

Electrical data

Operating voltage	10 ... 30 VDC
Type of voltage range	DC
No-load supply current I_0 , typical	3.4 mA
Rated operating voltage	10 ... 30 VDC
Operating current	200 mA

Electrical data

Switching element	Normally open contact (NO)
Protection circuit integrated	Max. fuse rating
	inductive interference protection
	Protection against polarity reversal
	Surge protection
Switching frequency, approx.	3,000 Hz

Electrical data - Digital Output

Voltage drop U_d , maximum	1.2 V
Current at Voltage drop U_d	0.2 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 6.5 is included in delivery

Pictures

Product image (catalog photo)



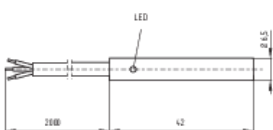
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[| 13.33 KB | .png | 210 x 315 Pixel](#)

Dimension drawing — base unit

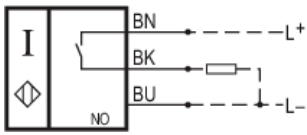


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[| 1.96 KB | .png | 210 x 145 Pixel](#)

Contact graphic



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| 2.27 KB | .png | 210 x 87 Pixel

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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