



IFL 10-30L-10STP

- Design M30

Data

Ordering data

Product type description	IFL 10-30L-10STP
Article number (order number)	101126989
EAN (European Article Number)	4030661278124
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
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General data

Standards	DIN VDE 0660-208 EN IEC 60947-5-2
Housing construction form	Cylinder, thread
Installation conditions (mechanical)	flush
Housing material	Brass

Housing coating material	nickel-plated
Active area	Plastic
Material of the nuts	Brass
Gross weight	130 g

General data - Features

Integral system diagnostics, status	No
Cable sleeve	No

Mechanical data

Tightening torque of nuts, maximum	30 Nm
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Mechanical data - Switching distances

Nominal switching distance S_n	10 mm
Note (switching distance)	All switching distances in accordance EN IEC 60947-5-2

Mechanical data - Connection technique

Length of cable	2 m
Termination	Screw terminals acc. DIN 42650

Mechanical data - Dimensions

ISO thread of the sensor	M30
width across flats	36 BK
Length of sensor	78 mm

Ambient conditions

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 3.5 mA

Rated operating voltage 10 ... 30 VDC

Operating current 200 mA

Switching element Normally open contact (NO)

Protection circuit integrated inductive interference protection
Protection against polarity reversal
Surge protection
Max. fuse rating

Switching frequency, approx. 200 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

Note

Note (General) Instead of nuts, a mounting clamp can be provided.

Pictures

Product picture (catalogue individual photo)



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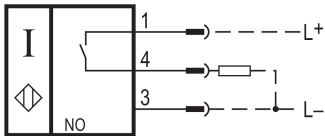
| 458.7 kB | .jpg | 352.778 x 529.167 mm - 1000 x 1500 px - 72 dpi

| 78.7 kB | .png | 74.083 x 111.125 mm - 210 x 315 px - 72 dpi

| 35.5 kB | .png | 74.083 x 74.083 mm - 210 x 210 px - 72 dpi

| 5.8 MB | .png | 169.249 x 254 mm - 1999 x 3000 px - 300 dpi

Diagram



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| 44.0 kB | .jpg | 352.778 x 146.756 mm - 1000 x 416 px - 72 dpi

| 2.2 kB | .png | 74.083 x 30.692 mm - 210 x 87 px - 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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