



## IFL 5-18-11ZSTPK-1952-2

- Design M 18 x 1

### Data

#### Ordering data

Product type description	IFL 5-18-11ZSTPK-1952-2
Article number (order number)	101102130
EAN (European Article Number)	4030661022468
eCl@ss number, version 9.0	27-27-01-01
eCl@ss number, version 11.0	27-27-01-01
ETIM number, version 7.0	EC002714
ETIM number, version 6.0	EC002714

#### General data

Standards	DIN VDE 0660-208 IEC/EN 60947-5-2
Housing construction form	Cylinder, thread
Installation conditions (mechanical)	flush
Enclosure material	Brass
Enclosure coating material	nickel-plated
Active area	Plastic
Material of the nuts	Brass

Gross weight	255 g
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### General data - Features

Integral system diagnostics, status	Yes
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Number of cable wires	4
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### Mechanical data

Tightening torque of nuts, maximum	18 Nm
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### Mechanical data - Switching distances according EN IEC 60947-5-3

Switching distance	5 mm
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### Mechanical data - Connection technique

Termination	Harting Han 7D
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### Mechanical data - Dimensions

ISO thread of the sensor	M18
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width across flats	24 BK
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### Ambient conditions

Degree of protection	IP67
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Ambient temperature, minimum	-25 °C
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Ambient temperature, maximum	+110 °C
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Resistance to vibration to EN 60068-2-6	10 ... 55 Hz, amplitude 1 mm
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Resistance to shock	30 g / 11 ms
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Protection class	0
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## Electrical data

Operating voltage, minimum	10 V
Operating voltage, maximum	60 V
No-load supply current, maximum $I_0$	4.8 mA
Operating current	100 mA
Switching element	NO contact and NC contact (antivalent)
Protection circuit integrated	Protection against polarity reversal Surge protection Max. fuse rating
Switching frequency, approx.	500 Hz

## 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
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## Scope of delivery

Scope of delivery	1x Connector type Harting Han 7D
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## Ordering code

Product type description:  
IFL (1)-(2)(3)-(4)(5)(6)(7)-(8)

(1)

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<b>215</b>	Switching distance 5 mm
<b>8</b>	Switching distance 8 mm
<b>10</b>	Switching distance 10 mm

(2)

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<b>18</b>	Cylinder, thread M18, metal
<b>180</b>	Cylinder, thread M18, plastic

(3)

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<b>without</b>	Standard body
<b>M</b>	Miniature body
<b>L</b>	Long design

(4)

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<b>01</b>	Opener (NC)
<b>10</b>	Normally open contact (NO)
<b>10/01</b>	NO contact / NC contact with wiring compartment
<b>11</b>	1 NO contact / 1 NC contact antivalent

(5)

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<b>without</b>	Cable
<b>ST</b>	Male connector
<b>T</b>	Conductor with strain relief
<b>A</b>	Alternating current/direct current AC/DC
<b>D</b>	DC 2-wire

(6)

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<b>without</b>	Standard connector version
<b>2</b>	Alternative connector version

(7)

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## Pictures

### Product picture (catalogue individual photo)



ID: kifl5f17

| 307.1 kB | .jpg | 352.778 x 529.167 mm - 1000 x 1500 px - 72 dpi

| 28.7 kB | .png | 74.083 x 111.125 mm - 210 x 315 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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