



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	EN IEC 60947-5-2 DIN VDE 0660-208
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

General data - Features

Integral system diagnostics, status	Yes
Number of cable wires	4

Mechanical data

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

Nominal switching distance S_n	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
width across flats	24 BK

Ambient conditions

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

Electrical data

Operating voltage, minimum	10 V
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Operating voltage, maximum	60 V
No-load supply current I_0 , maximum	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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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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