DATASHEET

IFL 10-30L-11TP-1766

- Metal enclosure
- DC 4-wire
- Long design
- Design M30

Data

Ordering data

Product type description	IFL 10-30L-11TP-1766
Article number (order number)	101127008
EAN (European Article Number)	4030661278162
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

Approvals - Standards

Certificates	CCC

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	180 g

General data - Features

Cable sleeve	Yes
Number of cable wires	4

Mechanical data

Tightening torque of nuts, maximum	30 Nm

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

Nominal switching distance S_n	10 mm

Mechanical data - Connection technique

Termination	Cable
Length of cable	2 m
Wire cross-section	0.25 mm^2
Material of the Cable mantle	Thermoflex

Mechanical data - Dimensions

ISO thread of the sensor	M30
width across flats	36 BK
Length of sensor	100 mm

Ambient conditions

Degree of protection	IP67
Ambient temperature, minimum	+0 °C

Ambient temperature, maximum	+110 °C
Protection class	0

Electrical data

Voltage type	DC (direct current)
Operating voltage, minimum	10 V
Operating voltage, maximum	60 V
No-load supply current I_0, maximum	5.5 mA
Operating current	200 mA
Switching element	NO contact and NC contact (antivalent)
Protection circuit integrated	inductive interference protection Protection against polarity reversal
Switching frequency, approx.	150 Hz

Electrical data - Digital Output

Voltage drop U_d, maximum	1 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.