



IFL 8-18-10/01

- 1 Cable entry PG9 x 1.5
- Metal enclosure
- AC 2-wire
- Double-insulated
- Wiring compartment

Data

Ordering data

Note (Delivery capacity)	Not available!
Product type description	IFL 8-18-10/01
Article number (order number)	101091875
EAN (European Article Number)	4030661018294
eCl@ss number, Version 9.0	27-27-01-01
eCl@ss number, Version 11.0	27-27-01-01
ETIM number, version 6.0	EC002714
ETIM number, version 7.0	EC002714

Approval - Standards

Certificates	CCC CNCA
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General data

Product name	IFL - M18
Installation conditions (mechanical)	not flush
Enclosure material	Brass
Enclosure coating material	nickel-plated

Active area	Plastic
Material of the nuts	Brass
Gross weight	78 g

General data - Features

Number of cable wires	2
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Mechanical data

Tightening torque of nuts, maximum	18 Nm
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Mechanical data - Connection technique

Terminal Connector	Screw connection
Cable section, maximum	1 x 1.5 mm ²

Mechanical data - Dimensions

width across flats	24 BK
Length of sensor	126 mm

Ambient conditions

Degree of protection	IP65 to EN 60529
Ambient temperature, minimum	-25 °C
Ambient temperature, maximum	+70 °C
Protection rating	II

Ambient conditions - Insulation value

Rated impulse withstand voltage U_{imp}	4 kV
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Electrical data

Voltage type	AC (alternating current)
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Rated supply frequency, minimum	45 Hz
Rated supply frequency, maximum	65 Hz
Operating voltage, minimum	15 V
Operating voltage, maximum	250 V
Operating current, minimum	10 mA
Operating current	500 mA
Switching element	NO contact or NC contact
Protection circuit integrated	inductive interference protection
Switching frequency, approx.	10 Hz

Electrical data - Digital Output

Voltage drop U_d , maximum	4.5 V
Current at Voltage drop U_d	0.2 A
Versions	Two-wire
Current leakage I_r	1 mA

Notes

Note (General)	Instead of nuts, a mounting clamp can be provided. Programmable by repositioning the plug-in jumper at the terminal screws
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Mechanical data - Switching distances according IEC 60947-5-3

Switch distance	8 mm
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Pictures

Product picture (catalogue individual photo)

