



IFL 15-300-10/01D

- 1 Cable entry PG9 x 1.5
- Thermoplastic enclosure
- DC 2-wire
- Double-insulated
- Wiring compartment
- Design M30

Data

Ordering data

Product type description	IFL 15-300-10/01D
Article number (order number)	101110280
EAN (European Article Number)	4030661086774
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)	not flush
Enclosure material	Plastic

Active area	Plastic
Material of the nuts	Plastic
Material of the washer	Perbunan®
Gross weight	70 g

General data - Features

Integral system diagnostics, status	Yes
Number of cable wires	2

Mechanical data

Tightening torque of nuts, maximum	4 Nm
------------------------------------	------

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

Nominal switching distance S_n	15 mm
----------------------------------	-------

Mechanical data - Connection technique

Termination	Screw connection
Cable section, maximum	1 x 1.5 mm ²

Mechanical data - Dimensions

ISO thread of the sensor	M30
width across flats	36 BK
Length of sensor	118 mm

Ambient conditions

Degree of protection	IP65
Ambient temperature, minimum	-25 °C
Ambient temperature, maximum	+70 °C
Protection class	II

Electrical data

Voltage type	DC (direct current)
Operating voltage, minimum	10 V
Operating voltage, maximum	40 V
Operating current, minimum	0.01 mA
Operating current	200 mA
Switching element	NO contact or NC contact
Protection circuit integrated	inductive interference protection Protection against polarity reversal Surge protection Max. fuse rating
Switching frequency, approx.	100 Hz

Electrical data - Digital Output

Voltage drop U_d , maximum	5.5 V
Current at Voltage drop U_d	0.1 A
Design of control elements	Two-wire
Current leakage I_p , maximum	0.5 mA

Status indication

Note (Integral System Diagnostics, status)	yellow LED
---------------------------------------------	------------

Note

Note (General)	Instead of nuts, a mounting clamp can be provided. Programmable by repositioning the plug-in jumper at the terminal screws
----------------	-------------------------------------------------------------------------------------------------------------------------------

K.A. Schmersal GmbH & Co. KG, Möddinghofe 30, 42279 Wuppertal

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.

Generated on: 26/08/2022, 11:36