



IFOD 8-300-10/01

- Thermoplastic enclosure
- AC 2-wire
- Wiring compartment can be turned 180°
- Design M30
- Wiring compartment

Data

Ordering data

Product type description	IFOD 8-300-10/01
Article number (order number)	103038715
EAN (European Article Number)	4030661545967
eCl@ss number, version 9.0	27-27-09-03
eCl@ss number, version 11.0	27-27-09-03
eCl@ss number, version 12.0	27-27-09-03
ETIM number, version 7.0	EC001821
ETIM number, version 6.0	EC001821

General data

Standards	EN IEC 60947-5-2 DIN VDE 0660-208
Housing construction form	Cylinder, thread
Enclosure material	Plastic
Active area	Plastic
Material of the nuts	Plastic
Material of the washer	Perbunan®
Detection range S_d , maximum	800 mm

Gross weight	72 g
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General data - Features

Integral system diagnostics, status	Yes
Number of cable wires	2

Mechanical data

Tightening torque of nuts, maximum	4 Nm
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Mechanical data - Connection technique

Termination	Screw connection
Cable section, maximum	2 x 1.5 mm ²
Wire cross-section	15 AWG

Mechanical data - Dimensions

ISO thread of the sensor	M30
width across flats	36 BK
Length of sensor	118 mm
Width of sensor	46 mm
Height of sensor	46 mm

Ambient conditions

Degree of protection	IP65
Ambient temperature, minimum	-5 °C
Ambient temperature, maximum	+70 °C
Protection class	II

Ambient conditions - Insulation values

Rated impulse withstand voltage U _{imp}	10 kV
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Electrical data

Voltage type	AC (alternating current)
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	7 V
Current at Voltage drop U_d	0.5 A
Design of control elements	Two-wire
Current leakage I_r , maximum	3 mA

Status indication

Note (Integral System Diagnostics, status)	yellow LED
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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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