DATASHEET

IFOD 10-30-10/01P

- Metal enclosure
- DC 3-wire
- Wiring compartment can be turned 180°
- Design M30
- Wiring compartment

Data

Ordering data

Product type description	IFOD 10-30-10/01P
Article number (order number)	103038716
EAN (European Article Number)	4030661545974
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	Brass
Enclosure coating material	nickel-plated
Active area	Plastic
Material of the nuts	Brass
Detection range S_d, maximum	1,000 mm

Gross weight	148 g

General data - Features

Integral system diagnostics, status	Yes
Number of cable wires	3

Mechanical data

Tightening torque of nuts, maximum	30 Nm

Mechanical data - Connection technique

Termination	Screw connection
Cable section, maximum	3 x 1.5 mm²
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

Electrical data

Voltage type	DC (direct current)

Operating voltage, minimum	10 V
Operating voltage, maximum	60 V
No-load supply current I_0, maximum	2.4 mA
Operating current	400 mA
Switching element	NO contact or NC contact
Protection circuit integrated	inductive interference protection
Switching frequency, approx.	100 Hz

Electrical data - Digital Output

Voltage drop U_d, maximum	2 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