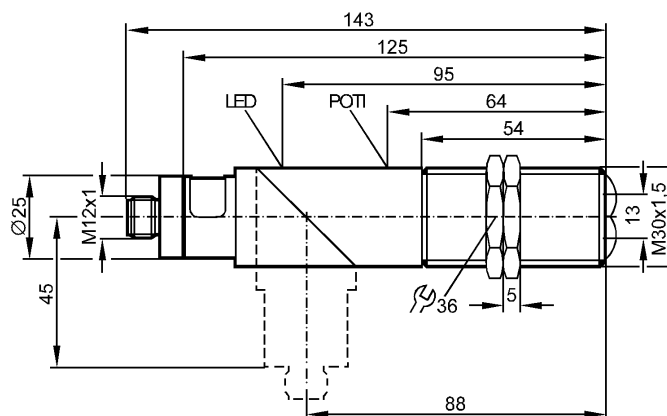




Product characteristics
Diffuse reflection sensor

M30 x 1.5

Connector

Range 700mm (referred to white paper 200 x 200 mm)

adjustable

Electrical data

Electrical design

DC PNP

Operating voltage [V]

10...55 DC

Current consumption [mA]

10 (24 V)

Type of light

Infrared light 880 nm

Protection class

II

Reverse polarity protection

yes

Outputs

Output function

light-on / dark-on programmable

Voltage drop [V]

< 2.5

Current rating [mA]

250

Short-circuit protection

pulsed

Overload protection

yes

Switching frequency [Hz]

100

Range

Range [mm]

700 (referred to white paper 200 x 200 mm)

Environment

Ambient temperature [°C]

-25...80

Protection

IP 65

Tests / approvals

EMC

EN 60947-5-2

MTTF [Years]

659

Mechanical data

Housing materials

modified PPO

Lens material

glass

Weight [kg]

0.128

Displays / operating elements

Output status indication LED

yellow

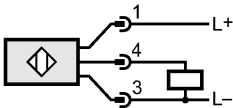
Electrical connection

Connection

M12 connector

Wiring

OI5014 - Diffuse reflection sensor - eclass: 27270903 / 27-27-09-03



Accessories	
Accessories (included)	2 lock nuts; screwdriver
Remarks	
Pack quantity	[piece] 1
ifm electronic gmbh • Friedrichstraße 1 • 45128 Essen — We reserve the right to make technical alterations without prior notice. — GB — OI5014 — 06.03.2003	