



sensor K15002, KI-3015-BPKG/NI

URL:<https://www.sxplc.com/sensor-k15002-ki-3015-bpkg-ni>

Product data sheet

Product characteristics

Electrical design

PNP

Output function

normally open

Sensing range [mm]

15

Housing

threaded type

Dimensions [mm]

M30 x 1.5 / L = 81

Electrical data

Operating voltage [V]

10...36 DC

Current consumption [mA]

13; (24 V)

Protection class

II

Reverse polarity protection

yes

Outputs

Electrical design

PNP

Output function

normally open

Max. voltage drop switching output DC [V]

2.5

Permanent current rating of switching output DC [mA]

250

Switching frequency DC [Hz]

40

Short-circuit proof

yes

Overload protection

yes

Detection zone

Sensing range [mm]

15

Sensing range adjustable

yes

Factory setting sensing range [mm]

15

Real sensing range S_r [mm]

$15 \pm 10 \%$

Operating distance [mm]

0...12.1

Accuracy / deviations

Correction factor

glass: 0.4 / water: 1 / ceramics: 0.2 / PVC: 0.2

Hysteresis [% of S_r]

1...15

Switch point drift [% of S_r]

-15...15

Operating conditions

Ambient temperature [°C]

-25...70

Protection

IP 65

Increased immunity

yes; (increased immunity to conducted radio frequency interference)

Tests / approvals

EMC

EN 60947-5-2

MTTF [years]

778

Mechanical data

Weight [g]

193.5

Housing

threaded type

Mounting

non-flush mountable

Dimensions [mm]

M30 x 1.5 / L = 81

Thread designation

M30 x 1.5

Materials

PBT

Displays / operating elements

Display

switching status

1 x LED, yellow

Accessories

Items supplied

lock nuts: 2

Remarks

Pack quantity

1 pcs.

Electrical connection

Connection

Cable: 2 m, PVC; 3 x 0.5 mm²

