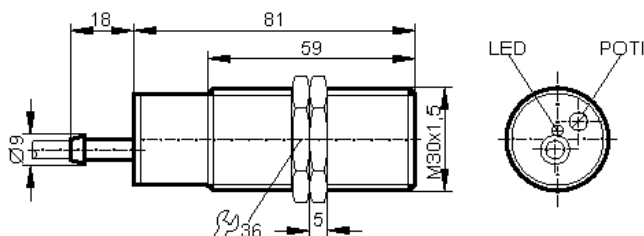


## KI5002

KI-3015-BPKG/NI  
Plastic thread M30 x 1.5  
Cable

Increased immunity to conducted  
radio frequency interference

Sensing range 15mm [nf]  
adjustable  
non-flush mountable



### Electrical design

#### Output

DC PNP

normally open

Operating voltage [V]

10...36 DC

Current rating [mA]

250

Short-circuit protection

•

Reverse polarity protection /  
overload protection

• / •

Voltage drop [V]

< 2.5

Current consumption [mA]

< 13 (24 V)

Real sensing range [mm]

15 ± 10 %

Operating distance [mm]

0...12.1

Switch-point drift [% / Sr]

-15...15

Hysteresis [% / Sr]

1...15

Switching frequency [Hz]

40

Correction factors

water = 1 / glass approx. 0.4 / ceramics approx. 0.2 / PVC approx. 0.2

Operating temperature [°C]

-25...70

Protection

IP 65

EMC

IEC 1000-4-2 / EN 61000-4-2: 8 kV CD / 15 kV AD

IEC 1000-4-3 / EN 61000-4-3: 10 V/m, 80...1000 MHz

IEC 1000-4-4 / EN 61000-4-4: 4 kV coupling pliers

IEC 1000-4-6 / EN 61000-4-6: 10 V / 0.15...80 MHz

IEC 255-5: 1 kV, 500 Ohm DC IEC 255-5: 5 kV, 500 Ohm AC

Housing material

PBT

Function display

Switching status LED

yellow

Connection

PVC cable / 2 m; 3 x 0.5 mm<sup>2</sup>

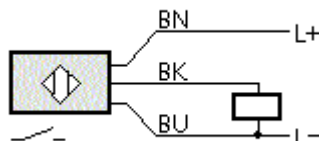
Wiring

Core colours

BN brown

BU blue

BK black



Accessories (included)

2 lock nuts, screwdriver