

# IE5093



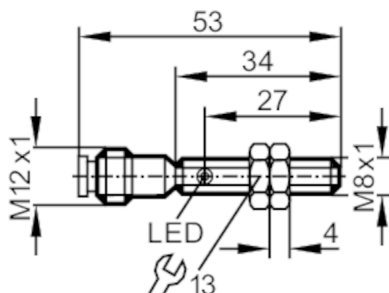
## Inductive sensor

IEB3001-BNOG/US-100-DNO

Article no longer available - archive entry

Alternative articles: IE5086

When selecting an alternative article and accessories please note that technical data may differ!



### Product characteristics

Electrical design	NPN
Output function	normally closed
Sensing range [mm]	1
Housing	Threaded type
Dimensions [mm]	M8 x 1 / L = 53

### Electrical data

Operating voltage [V]	10...36 DC
Current consumption [mA]	15; (24 V)
Reverse polarity protection	no

### Outputs

Electrical design	NPN
Output function	normally closed
Max. voltage drop switching output DC [V]	1
Permanent current rating of switching output DC [mA]	200
Switching frequency DC [Hz]	750
Short-circuit protection	no
Overload protection	no

### Monitoring range

Sensing range [mm]	1
Real sensing range Sr [mm]	1 ± 10 %
Operating distance [mm]	0...0.8

### Accuracy / deviations

Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminum: 0.3 / copper: 0.2
Hysteresis [% of Sr]	1...15
Switch-point drift [% of Sr]	-10...10

### Operating conditions

Ambient temperature [°C]	-25...80
--------------------------	----------

# IE5093



## Inductive sensor

IEB3001-BNOG/US-100-DNO

Protection	IP 67
------------	-------

### Mechanical data

Housing	Threaded type
Mounting	flush mountable
Dimensions [mm]	M8 x 1 / L = 53
Thread designation	M8 x 1
Material	brass nickel-plated; PBT

### Displays / operating elements

Display	Switching status	1 x LED, yellow
---------	------------------	-----------------

### Accessories

Items supplied	lock nuts: 2
----------------	--------------

### Remarks

Pack quantity	1 pcs.
---------------	--------

### Electrical connection - plug

Connector: 1 x M12; coding: A



### Connection

