

# IE5032



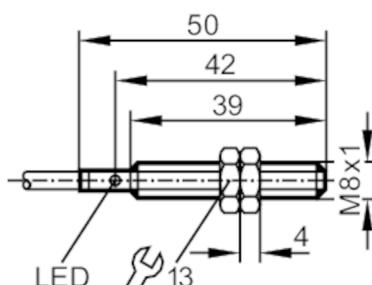
## Inductive sensor

IEA3001-APOG/V4A

Article no longer available - archive entry

Alternative articles: IE5126

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



### Product characteristics

Electrical design	PNP
Output function	normally closed
Sensing range [mm]	1
Housing	Threaded type
Dimensions [mm]	M8 x 1 / L = 50

### Electrical data

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

### Outputs

Electrical design	PNP
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
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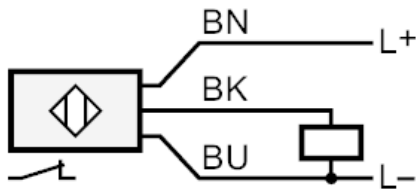
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## Inductive sensor

IEA3001-APOG/V4A

Protection	IP 67	
Mechanical data		
Housing	Threaded type	
Mounting	flush mountable	
Dimensions [mm]	M8 x 1 / L = 50	
Thread designation	M8 x 1	
Material	stainless steel (1.4571/316Ti ); PBT	
Displays / operating elements		
Display	Switching status	1 x LED, yellow
Accessories		
Items supplied	lock nuts: 2	
Remarks		
Pack quantity	1 pcs.	
Electrical connection		
Cable: 2 m, PVC; 3 x 0.14 mm²		
Connection		



BN = Core colors : brown  
BU = blue  
BK = black