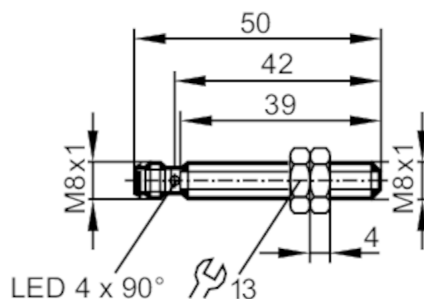


Inductive sensor

IEA3001,4BPOG/AS-500-TPS

Article no longer available - archive entry



Product characteristics

Electrical design	PNP
Output function	normally open
Sensing range [mm]	1.4
Housing	threaded type
Dimensions [mm]	M8 x 1 / L = 50

Electrical data

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

Outputs

Electrical design	PNP
Output function	normally open
Max. voltage drop switching output DC [V]	1
Permanent current rating of switching output DC [mA]	200
Switching frequency DC [Hz]	300
Short-circuit protection	no
Overload protection	no

Detection zone

Sensing range [mm]	1.4
Real sensing range Sr [mm]	$1.3 \pm 10\%$
Operating distance [mm]	1.05

Accuracy / deviations

Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.3 / copper: 0.2
Hysteresis [X01]	1...15
Switch point drift [X01]	-10...20

Operating conditions

Ambient temperature [°C]	-15...70
Protection	IP 65

IE5244



Inductive sensor

IEA3001,4BPOG/AS-500-TPS

Mechanical data	
Housing	threaded type
Mounting	non-flush mountable
Dimensions [mm]	M8 x 1 / L = 50
Thread designation	M8 x 1
Materials	housing: brass nickel-plated; sensing face: PBT

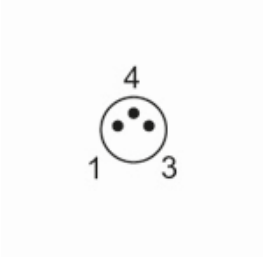
Displays / operating elements		
Display	switching status	1 x LED, yellow

Аксессуары	
Items supplied	lock nuts: 2

Remarks	
Pack quantity	1 pcs.

Electrical connection - plug

Connector: 1 x M8; coding: A



Connection

