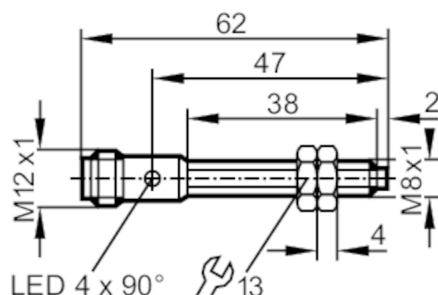


# IE5288



## Inductive sensor

IEK3004-BPKG/US-104-DPS



Made in Germany

Electrical data	
Operating voltage [V]	10...36 DC; ("supply class 2" to cULus)
Current consumption [mA]	15; (24 V)
Protection class	III
Reverse polarity protection	yes
Outputs	
Output function	normally open
Max. voltage drop switching output DC [V]	2.5
Permanent current rating of switching output DC [mA]	200
Switching frequency DC [Hz]	300
Electrical design	PNP
Short-circuit protection	yes
Type of short-circuit protection	pulsed
Overload protection	yes
Range	
Sensing range [mm]	4
Operating distance [mm]	0...3.25
Increased sensing range	yes
Accuracy / deviations	
Correction factor	steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.3 / copper: 0.2
Hysteresis [% of Sr]	1...15
Operating conditions	
Ambient temperature [°C]	-25...70
Protection	IP 67
Tests / approvals	
EMC	EN 60947-5-2
	EN 55011
MTTF [years]	3491
	class B

# IE5288



## Inductive sensor

IEK3004-BPKG/US-104-DPS

Mechanical data		
Weight	[g]	24.8
Housing		threaded type
Mounting		non-flush mountable
Dimensions	[mm]	M8 x 1 / L = 62
Thread designation		M8 x 1
Materials		brass white bronze coated; sensing face: CO-PC
Displays / operating elements		
Display	switching status	4 x 90° LED, yellow
Accessories		
Accessories (supplied)		lock nuts: 2
Remarks		
Pack quantity		1 pcs.

### Electrical connection - plug

Connector: 1 x M12



### Connection

