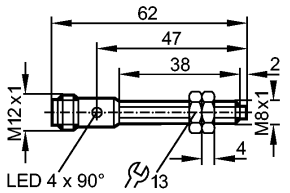
IE5288

IEK3004-BPKG/US-104-DPS **Inductive sensors**



Made in Germany

Product characteristics		
Inductive sensor		
Metal thread M8 x 1		
Connector		
Increased sensing range		
Sensing range 4 mm; [nf] non-flush mountable		
Electrical data		
Electrical design		DC PNP
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
Voltage drop	[V]	< 2.5
Current rating	[mA]	200
Short-circuit protection		pulsed
Overload protection		yes
Switching frequency	[Hz]	300
Range		
Sensing range	[mm]	4
Operating distance	[mm]	0...3.25
Accuracy / deviations		
Correction factors		mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.4 / Al approx. 0.3 / Cu approx. 0.2
Hysteresis	[% of Sr]	1...15
Environment		
Ambient temperature	[°C]	-25...70
Protection		IP 67
Tests / approvals		
EMC		EN 60947-5-2 EN 55011: class B
MTTF	[Years]	3491
Mechanical data		
Mounting		non-flush mountable
Housing materials		Brass white bronze coated; active face: CO-PC
Weight	[kg]	0.025
Displays / operating elements		

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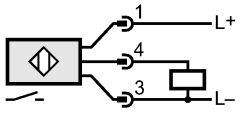
Output status indication	LED	yellow (4 x 90°)

Electrical connection

Connection	M12 connector

Wiring





Accessories

Accessories (included)	2 lock nuts

Remarks

Pack quantity	[piece]	1