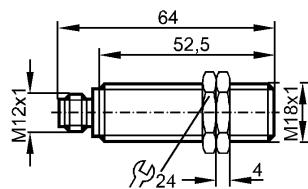




IGK3005-BPKG/V4A/US-100-DPS

Inductive sensors



Product characteristics

Inductive sensor

Metal thread M18 x 1

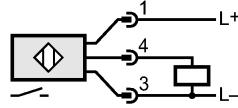
Connector

Sensing range 5 mm; [f] flush mountable

Electrical data

Electrical design	DC PNP
Operating voltage [V]	10...36 DC
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]	250
Short-circuit protection	pulsed
Overload protection	yes
Switching frequency [Hz]	500
Range	
Sensing range [mm]	5
Real sensing range (Sr) [mm]	5 ± 10 %
Operating distance [mm]	0...4.05
Accuracy / deviations	
Hysteresis [% of Sr]	1...15
Switch-point drift [% of Sr]	-10...10
Environment	
Ambient temperature [°C]	-25...80
Protection	IP 65
Tests / approvals	
EMC	EN 60947-5-2
MTTF [Years]	1884
Mechanical data	
Mounting	flush mountable
Housing materials	stainless steel 316Ti / 1.4571; PBT (Pocan) uncoloured
Weight [kg]	0.058
Electrical connection	
Connection	M12 connector
Wiring	

IG5744 - Inductive sensor - eclass: 27270101 / 27-27-01-01



Accessories

Accessories (included)

2 lock nuts

Remarks

Pack quantity

[piece]

1

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