

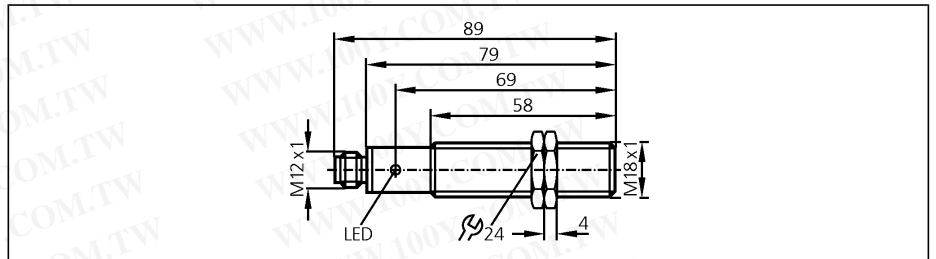


Inductive sensors

IG5539

IGA4005-CPKG/US
Inductive sensor
Metal thread M18 x 1
Quick disconnect

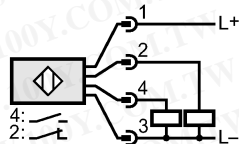
Sensing range 5 mm [f]
flush mountable



Electrical design	
Output	
Operating voltage	[V]
Current rating	[mA]
Short-circuit protection	
Reverse polarity protection	
Overload protection	
Voltage drop	[V]
Current consumption	[mA]
Real sensing range	[mm]
Operating distance	[mm]
Switch-point drift	[% of Sr]
Hysteresis	[% of Sr]
Switching frequency	[Hz]
Correction factors	
Operating temperature	[°C]
Protection	
EMC	
Housing material	
Function display	
Switching status	LED
Connection	
Accessories (included)	

DC PNP complementary	
Operating voltage	10...36 DC
Current rating	250
Short-circuit protection	Yes (non-latching)
Reverse polarity protection	yes
Overload protection	yes
Voltage drop	< 2.5
Current consumption	< 15 (24 V)
Real sensing range	5 ± 10 %
Operating distance	0...4.05
Switch-point drift	-10...10
Hysteresis	1...15
Switching frequency	700
Correction factors	mild steel = 1 / stainless steel approx. 0.7 / brass approx. 0.4 / Al approx. 0.3 / Cu approx. 0.2
Operating temperature	-25...80
Protection	IP 67, II
EMC	EN 60947-5-2 EN 55011: class B
Housing material	brass white bronze coated; active face: PC (polycarbonate)
Function display	
Switching status	yellow
Connection	M12 connector
Accessories (included)	2 lock nuts

Wiring



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