IF5016

Inductive sensor

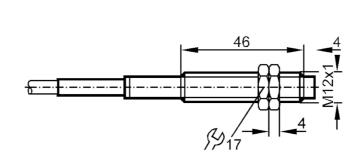




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Alternative articles: IF5329

When selecting an alternative article and accessories please note that technical data may differ!



Operating voltage [V] 1055 DC Current consumption [mA] 7; (24 V) Protection class II Reverse polarity protection no	Product characteristics		
Sensing range [mm] Housing Threaded type Dimensions [mm] Electrical data Operating voltage [V] Current consumption [mA] Protection class Reverse polarity protection Outputs Electrical design Output function Max. voltage drop switching output DC Permanent current rating of switching output DC Switching frequency DC [Hz] Short-circuit protection A 4 A 4 A 4 A 4 A 4 A 4 A 4 A	Electrical design		PNP
Housing Threaded type Dimensions [mm] M12 x 1 Electrical data Operating voltage [V] 1055 DC Current consumption [mA] 7; (24 V) Protection class Reverse polarity protection no Outputs Electrical design PNP Output function normally open Max. voltage drop switching output DC Permanent current rating of switching output DC Switching frequency DC [Hz] Short-circuit protection no	Output function		normally open
Dimensions [mm] M12 x 1 Electrical data Operating voltage [V] 1055 DC Current consumption [mA] 7; (24 V) Protection class II Reverse polarity protection no Outputs Electrical design PNP Output function normally open Max. voltage drop switching of uput DC Permanent current rating of switching output DC Switching oruput DC Switching frequency DC [Hz] Short-circuit protection no	Sensing range	[mm]	4
Electrical data Operating voltage [V] 1055 DC Current consumption [mA] 7; (24 V) Protection class II Reverse polarity protection no Outputs Electrical design PNP Output function normally open Max. voltage drop switching output DC Permanent current rating of switching output DC Switching output DC Switching frequency DC [Hz] Short-circuit protection 1055 DC 1055 DC 1155 DC II Ano II II Ano II	Housing		Threaded type
Operating voltage [V] 1055 DC Current consumption [mA] 7; (24 V) Protection class II Reverse polarity protection no Outputs Electrical design PNP Output function normally open Max. voltage drop switching of output DC Permanent current rating of switching output DC Switching output DC Switching frequency DC [Hz] Short-circuit protection no	Dimensions	[mm]	M12 x 1
Current consumption [mA] 7; (24 V) Protection class II Reverse polarity protection no Outputs Electrical design PNP Output function normally open Max. voltage drop switching output DC Permanent current rating of switching output DC Switching frequency DC [Hz] Short-circuit protection no	Electrical data		
Protection class Reverse polarity protection Outputs Electrical design Output function Max. voltage drop switching output DC Permanent current rating of switching output DC Switching frequency DC Short-circuit protection II PNP PNP 1.5 400 300 Short-circuit protection	Operating voltage	[V]	1055 DC
Reverse polarity protection no Outputs Electrical design PNP Output function normally open Max. voltage drop switching output DC Permanent current rating of switching output DC Switching frequency DC [Hz] 300 Short-circuit protection no	Current consumption	[mA]	7; (24 V)
Outputs Electrical design PNP Output function normally open Max. voltage drop switching output DC [V] Permanent current rating of switching output DC [mA] Switching frequency DC [Hz] Short-circuit protection no	Protection class		II
Electrical design Output function normally open Max. voltage drop switching of output DC Permanent current rating of switching output DC Switching output DC Switching frequency DC [Hz] Short-circuit protection PNP 1.5 400 500 500 600 600 600 600 60	Reverse polarity protection		no
Output function Max. voltage drop switching output DC Permanent current rating of switching output DC Switching output DC Switching frequency DC [Hz] Short-circuit protection normally open 1.5 400 300 Short-circuit protection	Outputs		
Max. voltage drop switching of output DC Permanent current rating of switching output DC Switching output DC Switching frequency DC [Hz] Short-circuit protection 1.5 400 Short-circuit protection	Electrical design		PNP
output DC Permanent current rating of switching output DC Switching frequency DC [Hz] 300 Short-circuit protection no	Output function		normally open
switching output DC Switching frequency DC [Hz] 300 Short-circuit protection no		[V]	1.5
Short-circuit protection no		[mA]	400
·	Switching frequency DC	[Hz]	300
Overload protection no	Short-circuit protection		no
	Overload protection		no

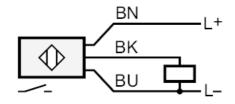
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Monitoring range				
Sensing range	[mm]	4		
Real sensing range Sr	[mm]	2 ± 10 %		
Operating distance	[mm]	01.6		
Accuracy / deviations				
Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminum: 0.4 / copper: 0.3		
Hysteresis	[% of Sr]	315		
Switch-point drift	[% of Sr]	-1010		
Operating conditions				
Ambient temperature	[°C]	-2580		
Protection		IP 67		
Mechanical data				
Housing		Threaded type		
Mounting		non-flush mountable		
Dimensions	[mm]	M12 x 1		
Thread designation		M12 x 1		
Material		brass nickel-plated; PBT		
Accessories				
Items supplied		lock nuts: 2		
Remarks				
Pack quantity		1 pcs.		
Electrical connection				
Cable: 2 m, PVC; 3 x 0.34 mm ²				



Core colors :

BN = brown
BU = blue
BK = black

Connection