IF0266

Inductive sensor

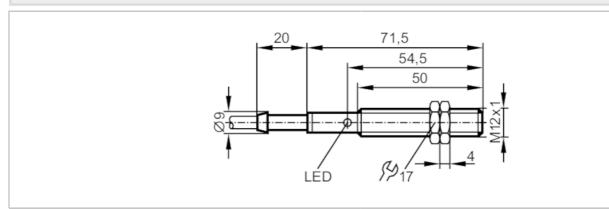
IFA2002-BBOW/ 6mPPU



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Alternative articles: IF0314

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Output function normally closed Sensing range [mm] 2 Housing Threaded type Dimensions [mm] M12 x 1/L = 71.5 Electrical data Frequency AC [Hz] 4763 Operating voltage [V] 90250 AC Protection class II Reverse polarity protection no Output function Max. voltage drop switching of utput AC [V] Max. voltage drop switching of utput AC [Ma] Minimum load current [mA] Max. leakage current [mA] Max. leakage current [mA] Switching output AC [mA] Permanent current rating of switching output AC [mA] Switching frequency AC [Hz] Short-tire current rating of switching output protection no Overload protection no Monitoring range [mn] 2 Real sensing range [mm] 2 ± 10 % Operating distance [mm] 01.6						
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Output function normally closed Max. voltage drop switching [V] 8.5 Minimum load current [mA] 8 Max. leakage current [mA] 3 (250 V AC) / 1.5 (120 V AC) Permanent current rating of switching output AC Short-time current rating of switching output AC Short-circuit protection Overload protection Monitoring range Sensing range [mm] 2 Real sensing range Sr [mm] 0 Operating distance [mm] normally closed 8.5 8.5 8.5 8.6 8.7 8.9 8.9 8.9 8.9 8.9 8.9 8.9	Protection class		II			
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Permanent current rating of switching output AC Short-time current rating of switching output Short-time current rating of switching output Switching frequency AC [Hz] Short-circuit protection Overload protection Monitoring range Sensing range [mm] Real sensing range Sr [mm] Operating distance [mm] 200; (250 (50 °C)) 900; (20 ms / 0,5 Hz) 25 Short-circuit protection no 25 Short-circuit protection no 25 Sensing range [mm] 2 ± 10 % Operating distance [mm]	Minimum load current	[mA]	8			
switching output AC Short-time current rating of switching output Switching frequency AC [Hz] Short-circuit protection Overload protection Monitoring range Sensing range [mm] Real sensing range Sr [mm] Operating distance [mm] Output 200; (250 (50 °C)) 900; (20 ms / 0,5 Hz) 25 100 100 25 100 100 25 25 100 100	Max. leakage current	[mA]	3 (250 V AC) / 1.5 (120 V AC)			
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Short-circuit protection no Overload protection no Monitoring range Sensing range [mm] 2 Real sensing range Sr [mm] 2±10 % Operating distance [mm] 01.6		[mA]	900; (20 ms / 0,5 Hz)			
Overload protection no Monitoring range Sensing range [mm] 2 Real sensing range Sr [mm] 2 ± 10 % Operating distance [mm] 01.6	Switching frequency AC	[Hz]	25			
Monitoring rangeSensing range[mm]2Real sensing range Sr[mm]2 ± 10 %Operating distance[mm]01.6	Short-circuit protection		no			
Sensing range [mm] 2 Real sensing range Sr [mm] 2 ± 10 % Operating distance [mm] 01.6	Overload protection		no			
Real sensing range Sr [mm] 2 ± 10 % Operating distance [mm] 01.6	Monitoring range					
Operating distance [mm] 01.6	Sensing range	[mm]	2			
	Real sensing range Sr	[mm]	2 ± 10 %			
·	Operating distance	[mm]	01.6			
Accuracy / deviations	Accuracy / deviations					
Correction factor steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminum: 0.3 / copper: 0.2	Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminum: 0.3 / copper: 0.2			
Hysteresis [% of Sr] 115	Hysteresis [%	of Sr]				

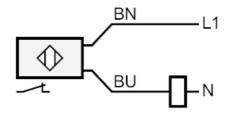
IF0266

Inductive sensor

IFA2002-BBOW/ 6mPPU



Switch-point drift	[% of Sr]	-1010						
Operating conditions								
Ambient temperature	[°C]	-2580						
Protection		IP 67						
Tests / approvals								
EMC		EN 60947-5-2						
		EN 55011		class B				
Mechanical data								
Housing		Threaded type						
Mounting		flush mountable						
Dimensions	[mm]	M12 x 1 / L = 71.5						
Thread designation		M12 x 1						
Material		stainless steel (1.4571/316Ti); PBT						
Displays / operating elements								
Display		Switching status		1 x LED, yellow				
Accessories								
Items supplied		lock nuts: 2						
Remarks								
Pack quantity		1 pcs.						
Electrical connection								
Cable: 6 m, PUR / PVC; 2 x 0.5 mm ²								
Connection								



Core colors :

BN = brown BU = blue