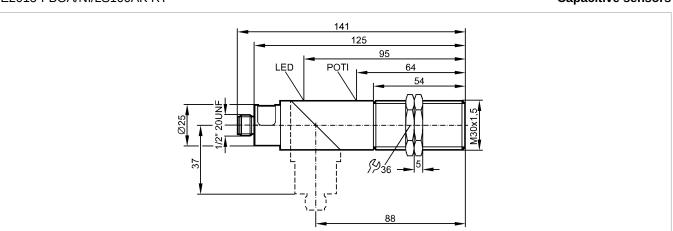
efectoriso

KI3513

KIE2015-FBOA/NI/LS100AK RT



CE

Made in USA

Plastic thread M30 x 1.5ConnectorFactory setting:normally openIncreased immunity to conducted radio frequency interferenceSensing range 15 mm; adjustable 315 mm; [nf] non-flush mountableElectrical dataElectrical dataElectrical designOperating voltage[V]Protection classIReverse polarity protectionNutput functionOutput functionOutput functionVoltage drop[V]Ac/ > 2.5 (250 V AC) / < 1.5 (24 V DC)Current rating- Current rating (continuous)Current rating (peak)Short-circuit proofNort-circuit proof	Product characteristics						
ConnectorFactory setting:normally openIncreased immunity to conducted radio frequency interferenceSensing range 15 mm; adjustable 315 mm; [nf] non-flush mountableElectrical dataElectrical designAC/DCOperating voltage[V]Protection classIReverse polarity protectionnoOutputsOutput functionnormally open / closed programmableVoltage drop[V]Act / < 8 DC	Capacitive sensor						
Factory setting:normally openIncreased immunity to conducted radio frequency interferenceSensing range 15 mm; adjustable 315 mm; [nf] non-flush mountableElectrical dataElectrical designAC/DCOperating voltage[V]Protection classIReverse polarity protectionnoOutputsOutputsOutput functionnormally open / closed programmableVoltage drop[V]Voltage drop[V]Minimum load current[mA]Seakage current[mA]Current rating (continuous)[mA]- Current rating (peak)[mA]Short-circuit proofno	Plastic thread M30 x 1.5						
Increased immunity to conducted radio frequency interferenceSensing range 15 mm; adjustable 315 mm; [nf] non-flush mountableElectrical dataElectrical designAC/DCOperating voltage[V]Protection classIReverse polarity protectionnoOutputsOutputsOutput functionnormally open / closed programmableVoltage drop[V]Kakage current[mA]Seakage current[mA]Current rating (continuous)250 (50 °C) / 200 (70 °C)Current rating (peak)[mA]Short-circuit proofno	Connector						
Sensing range 15 mm; adjustable 315 mm; [nf] non-flush mountableElectrical dataElectrical designAC/DCOperating voltage[V]20250 AC/DCProtection classIReverse polarity protectionnoOutputsOutput functionnormally open / closed programmableVoltage drop[V]Voltage drop[V]Minimum load current[mA]Leakage current[mA]- Current rating250 (50 °C) / 200 (70 °C)- Current rating (peak)[mA]Short-circuit proofno	Factory setting:normally open						
Electrical data Electrical design Operating voltage (V) Protection class Reverse polarity protection no Outputs Output function Voltage drop (V) Kexerse polarity protection no Outputs Output function Normally open / closed programmable Voltage drop (V) Keakage current (mA) Current rating - Current rating (continuous) (mA) 250 (50 °C) / 200 (70 °C) - Current rating (peak) Short-circuit proof	Increased immunity to conducted radio frequency interference						
Electrical designAC/DCOperating voltage[V]20250 AC/DCProtection classIReverse polarity protectionnoOutputsOutput functionnormally open / closed programmableVoltage drop[V]<10 AC / < 8 DC	Sensing range 15 mm; adjustable 315 mm; [nf] non-flush mountable						
Operating voltage[V]20250 AC/DCProtection classIReverse polarity protectionnoOutputsnoOutput functionnormally open / closed programmableVoltage drop[V]< 10 AC / < 8 DC	Electrical data						
Protection classIReverse polarity protectionnoOutputsOutput functionnormally open / closed programmableVoltage drop[V]Kinimum load current[mA]Leakage current[mA]Current rating- Current rating (continuous)[mA]- Current rating (peak)[mA]Short-circuit proofno	Electrical design		AC/DC				
Reverse polarity protectionnoOutputsOutput functionnormally open / closed programmableVoltage drop[V]< 10 AC / < 8 DCMinimum load current[mA]5Leakage current[mA]< 2.5 (250 V AC) / < 1.7 (110 V AC) / < 1.5 (24 V DC)Current rating250 (50 °C) / 200 (70 °C)- Current rating (peak)[mA]î: 2.2 A (20 ms / 0.5 Hz)Short-circuit proofno	Operating voltage	[V]	20250 AC/DC				
OutputsOutput functionnormally open / closed programmableVoltage drop[V]< 10 AC / < 8 DC	Protection class		<u> </u>				
Output functionnormally open / closed programmableVoltage drop[V]< 10 AC / < 8 DC	Reverse polarity protection		no				
Voltage drop [V] Minimum load current [mA] Leakage current [mA] Current rating - Current rating (continuous) [mA] - Current rating (peak) [mA] Short-circuit proof no	Outputs						
Minimum load current [mA] 5 Leakage current [mA] < 2.5 (250 V AC) / < 1.7 (110 V AC) / < 1.5 (24 V DC)	Output function		normally open / closed programmable				
Leakage current [mA] < 2.5 (250 V AC) / < 1.7 (110 V AC) / < 1.5 (24 V DC)	Voltage drop	[V]	< 10 AC / < 8 DC				
Current rating - Current rating (continuous) [mA] 250 (50 °C) / 200 (70 °C) - Current rating (peak) [mA] î: 2.2 A (20 ms / 0.5 Hz) Short-circuit proof	Minimum load current	[mA]	5				
- Current rating (continuous) [mA] 250 (50 °C) / 200 (70 °C) - Current rating (peak) [mA] î: 2.2 A (20 ms / 0.5 Hz) Short-circuit proof no	Leakage current	[mA]	< 2.5 (250 V AC) / < 1.7 (110 V AC) / < 1.5 (24 V DC)				
- Current rating (peak) [mA] î: 2.2 A (20 ms / 0.5 Hz) Short-circuit proof no	Current rating						
Short-circuit proof no	- Current rating (continuous)	[mA]	250 (50 °C) / 200 (70 °C)				
	- Current rating (peak)	[mA]	î: 2.2 A (20 ms / 0.5 Hz)				
	Short-circuit proof		no				
Overload protection no	Overload protection		no				
Switching frequency [Hz] 25 AC / 50 DC	Switching frequency	[Hz]	25 AC / 50 DC				
Range	Range						
Sensing range [mm] 15, adjustable 315 mm	Sensing range	[mm]	15, adjustable 315 mm				
Real sensing range (Sr)[mm]15 ± 10 %	Real sensing range (Sr)	[mm]	15 ± 10 %				
Operating distance [mm] 012.1	Operating distance	[mm]	012.1				
Accuracy / deviations							
Correction factors water = 1 / glass approx. 0.4 / ceramics approx. 0.2 / PVC approx. 0.2	Correction factors		water = 1 / glass approx. 0.4 / ceramics approx. 0.2 / PVC approx. 0.2				
Hysteresis [% of Sr] 115	Hysteresis [⁰	% of Sr]	115				
Switch-point drift [% of Sr] -1515	Switch-point drift [% of Sr]	-1515				
Environment	Environment						
Ambient temperature [°C] -2570	Ambient temperature	[°C]	-2570				





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Protection		IP 65		
Tests / approvals				
EMC		IEC 60947-5-2:	1997 + A1: 1999 + A2: 2003	
MTTF	[Years]		294	
Mechanical data				
Mounting		non-flush mountable		
Housing materials		PBT; brass nickel-plated		
Weight	[kg]		0.164	
Displays / operating ele	ments			
Output status indication	LED		red	
Electrical connection				
Connection			1/2" connector	
Wiring $3 \xrightarrow{2}{1}^{2}$ 1 Note: miniature fuse to IEC60127-2 sheet 1, $\leq 2 \text{ A}$ (fast acting)				
Accessories				
Accessories (included)		2 lock nuts; screwdriver		
Remarks				
Remarks		Recommendation: check circuit.	the unit for reliable function after a short	
Pack quantity	[piece]	1		

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