

# iMINI™ SERIES



## *Metal Shell Connector with Threaded Coupling*



PRODUCT SPECIFICATIONS:	iSENSOR iMINI A	iSENSOR iMINI B	iSENSOR iMINI C
<b>Materials:</b>			
Contact Carrier	Rigid PVC		
Coupling Nut	Nickel Plated Brass or Stainless Steel		
Panel Mount Housing	Nickel Plated Brass or Stainless Steel		
Contacts	CU Alloy, Gold Over Nickel Plating		
Connector Interface Sealing O-Ring	Silicone		
Overmold	Overmold Material will vary depending on cable selection (PVC, TPU, or other)		
<b>Dimensions:</b>			
Receptacle Mounting	1/2" NPT	1/2" NPT	3/4" NPT
Basic Plug Max. OD	1"	1 1/4"	
Receptacle OD	1" HEX	1 1/8" HEX	1 1/8" Square
Overmold Length with Strain Relief	1.14"	2"	
Cable Diameter	.27"	.44"	.52"
Max Wire Size	14 AWG		
Coupling Thread Size	7/8—16 UN	1—16 UN	1 1/8—16 UN
Available Contact Sizes	2, 3, 4, 5, 6	7, 8	9, 10, 12
<b>Performance:</b>			
Ingress Protection	IP67		
Voltage Rating (RMS)	Up to 600V		
Amperage Rating	Up to 13A	Up to 9A	
Max Continuous Temperature	Overmold material and wire / cable selection will influence the overall max temperature rating of the assembly (-40 –105 degrees C)		
<b>OPTIONS:</b>			
⇒ High-tech polymer and machined brass or stainless steel components	⇒ #16 thru #20 wire size range		
⇒ Closed-entry female contact design	⇒ Panel mount receptacle / inline receptacle / overmolded plug available		
⇒ Variety of Overmold resins available			

**\*\* AVAILABLE STOCK: iMINI, 5 pole, Field Installable \*\***

For more details, please visit our website, or contact us:

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