



HR4132S

TIRIS PROXIMITY TAG CIDRW Controller

Track Every Step - Fab to Finish with Heart's RFID

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General specifications

Characteristic	Specification	Comment
Supply Voltage Range	DC10~24V	Supplied from the power terminals
Current consumption @12VDC	Average 50mA ; Peak 160mA	Approx. 2A max, with rush current
Transmitting Radio Frequency	Typical 134.2KHz	FSK
Transponder Type	TIRIS Tag	Single & Multi page Transponder
Operating ambient temperature	-10 ~ +70°C	No freezing
Operating ambient humidity	10 ~ 85% RH	No dew condensation
Storage ambient temperature	-20 ~ +85°C	No freezing
Storage ambient humidity	5 ~ 95% RH	No dew condensation
Communication interface	RS-232C	9600 bps (fixed), E.8.1 (fixed)
Weight	290g MAX.	No freezing
Dimensions	128 × 83 × 31 mm	Except for protrusions on connectors
Mounting system	Secured with four M4 screws.	Use the enclosed washers.

Communication interface specification

Characteristic	Specification
Connector specification	9-pin D-SUB female type connector plug, with 4-40 UNC lock screws
Communication standard	RS-232C
Synchronization	Asynchronous mode, start-stop synchronization
Communications control standard	PLC/ASCII protocol
Total cable length	15 m Max.