

NXT-WI-PLUS

Data Sheet



NXT-WI-PLUS

Keri's NXT-WI Plus Wiegand Interface Module is designed to make it easy to connect reader technologies with industry standard Wiegand output to NXT Controllers. The NXT-WI securely plugs directly onto an NXT Controller or an NXT-4X4 or GIOX I/O Expansion Module with excellent mechanical and electrical integrity. The option to bring the reader terminations to the I/O modules provides substantial savings in wiring costs because door functions can be located closer to the reader/door, with only 4 wires required to be cabled to centrally located controllers.

Also mounts onto and connects to NXT4X4 Input/Output Expansion Modules for applications where controllers are centrally located and access control functions are moved closer to the door.

Key Features

Allows connection of Wiegand output readers to NXT Controllers

Mounts on and connects directly to NXT Controller

Also mounts on and connects to NXT4X4 Expansion Modules for applications where controllers are centrally located and access control access control functions are moved closer to the door

NXT-WI-PLUS Specifications

NXT-WI-PLUS	Allows reader connection to Wiegand output readers only
Features	Plug on module, on either NXT controllers or the 4x4 module
	Allows the use of Wiegand readers with NXT controllers
	Hardware
Power	10 to 14 VDC @ 100 mA (maximum current draw at 12 VDC)
Supported Reader Types (one per RIM)	Wiegand (single or dual line LED control)
	Cabling
RIM to Reader	22 AWG, 6 or 7 conductor (depending upon Reader LED control type), shielded, stranded, 500 ft. (150 m) maximum run
	Operating Environment
Temperature	-40° F to 140° F (-40° C to 60° C)
Humidity	0-90%, Non Condensing
	Mechanical Specifications
Dimensions	6.50 in H x 5.50 in W x 2.50 in D (16.51 cm by 13.97 cm by 6.35 cm) when mounted on an NXT controller
Weight	1.28 oz (36.6 g) module only
	Compliance and Product Warranty
Certifications	CE, FCC, CSA Std. C22.2, UL294
Warranty	Two year component warranty
	Ordering Information & Related Products
Model Number	Description
NXT-WI	Wiegand Interface Module (Wiegand compatibility only)
NXT-KPK	Keypad Kit (includes NXT-6RK and NXT-RM-3)
NXT-6RK	Keypad Prox Reader (requires NXT-RM3)
NXT-RM3	Reader Interface Module (for Wiegand and MS Compatibility)
	Specifications are subject to change without notice

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