



Radio Frequency Identification (RFID)

Navigation Guide

Applications	Operating Frequency	18000-6C compliant to use industry standard tags	Features	Number of Antenna	Description	Size	Communications	Part Number					
V750  <ul style="list-style-type: none"> Ultra High Frequency (UHF) is ISO/IEC 18000-6C compliant for industry standard tag usage. Used in a wide range of applications, shipping accuracy, sortation, asset tracking, inventory management, returnable transport (totes, gaylords) 	UHF 902.75 - 927.75 MHz	Yes	Panel mounted ID controller • Up to 39.4ft (12m) read distance • Tools for communications, noise level and monitoring for quick setup and diagnostics. • Up to four antenna heads • Ethernet TCP/IP, RS232C	Up to 4 per controller	ID Controller	(246 x 215 x 43.5)	Ethernet TCP/IP, RS-232C	V750-BA50C04-US					
					Antenna	(256 x 256 x 57)		V740-HS01CA					
					Antenna extension cables	3 m		V740-A01-3.0M					
						10 m		V740-A01-10M					
						20 m		V740-A01-20M					
V680  <ul style="list-style-type: none"> High Frequency (HF) is ISO/IEC 18000-6C compliant for industry standard tag usage. Used in a wide range of applications, shipping accuracy, sortation, asset tracking and inventory management. Wide range of PLC interfaces 	HF - 13.56 Mhz	Yes	Production line mounted integrated ID controller/antenna • Up to 3.9 in (10 cm) read distance • Ethernet TCP/IP, Modbus TCP	1-Integrated controller and antenna	Integrated ID controller and antenna	(75 x 75 x 40)mm (120 x 120 x 40)mm	Ethernet TCP/IP, Modbus TCP	V680S-HMD64-ETN V680S-HMD66-ETN					
					Communication cables-connects controller to PLC or Ethernet hub via RJ45 connector on one end and pigtailed for power	2 m 5 m 10 m		V680S-A41 2M V680S-A41 5M V680S-A41 10M					
					Communication cables-connects controller to PLC or host with M12 connector on one end and pigtailed for power	2 m 5 m 10 m	V680S-A42 2M V680S-A42 5M V680S-A42 10M						
					Extension cables allow locating controller listed distance from host or hub	10 m 20 m 50 m	V680S-A40 10M V680S-A40 20M V680S-A40 50M						
						Panel mount ID controller with remote antenna • Up to 5.9 in (15 cm) read distance • 1 or 2 antenna heads • RS232C	1	Panel mount ID controller	RS-232C	V680-CA5D01-V2 V680-CA5D02-V2			
							2						
					CJ series PLC module based ID sensor with remote antenna • Up to 5.9 in (15 cm) read distance • 1 or 2 antenna heads • Direct connect to CJ bus	1	CJ-series PLC based ID sensor		Connects to CJ PLC bus	CJ1W-V680C11 CJ1W-V680C12			
						2							
					CS series PLC module based ID sensor with remote antenna • Up to 5.9 in (15 cm) read distance • 1 or 2 antenna heads • Direct connect to CS bus	1	CS-series PLC based ID sensor		Connects to CS PLC bus	CSTW-V680C11 CSTW-V680I2			
						2							
					Panel mount ID sensor with remote antenna • Up to 5.9 in (15 cm) read distance • DeviceNet Slave	1	DeviceNet Slave ID sensor		DeviceNet	V680-HAM42-DRT			
					Panel mount ID sensor with remote antenna • Up to 5.9 in (15 cm) read distance • Digital I/O interface	1	I/O based ID sensor NPN output		16 bit I/O-to/from any PLC	V680-HAM91			
						1				I/O based ID sensor PNP output	16 bit I/O-to/from any PLC	V680-HAM81	
					Optional antenna with integrated amplifier				1	Antenna with integrated amplifier	2 m		V700-A40-W 2M
											5 m		V700-A40-W 5M
											10 m		V700-A40-W 10M
											20 m		V700-A40-W 20M
											30 m		V700-A40-W 30M
Amplifier that is used with all antennas except antenna with integrated amplifier		Amplifier for non amplified antennas			V680-HA63A								
Allows hand held tag reading				1	Hand held RF wand to PC	.8 m	USB	V680-CHUD 0.8M					
						1.9 m		V680-CHUD 1.9M					
						2.5 m	RS-232C	V680-CHID 2.5M					
							RS-232C	V680-CHID-PSI					
							Bluetooth to host	V680-A-7527S-G3-EG-S					

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