DV-90NE

Auto ID Data Controller NPN Open Collector (English Version)

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*Please note that accessories depicted in the image are for illustrative purposes only and may not be included with the product.

Specifications

Model			DV-90NE
Display power			English
Applicable barcode reader			SR-2000/1000/750/700/G100 Series*1, BL-1300/700/600/180/N70RKE, HR-100*2
Preset data	Number of registrations		900 maximum
Backup method			Flash ROM (rewritable 100,000 times)
I/O terminal	Input terminals	Number of inputs	4
		Input rating	10 to 26 VDC, 10 mA
		Maximum OFF current	1.0 mA
	Output terminals	Number of outputs	16
		Output	NPN open collector
		Output rating	30 VDC, 100 mA
		Leakage current (at OFF)	0.1 mA or less
		Residual voltage (at ON)	Less than 1 V
	DC output	Number of inputs	2
		Output rating	24 VDC ± 10%, 250 mA maximum
Serial interface	RS-232C port	Communication method	RS-232C compliant
		Synchronization between the transmitter and receiver	Asynchronous
		Communication speed	600 to 115200bps
		Number of inputs	2 (PORT1, PORT2)
		Data length	7 or 8 bits
		Parity	None, even, odd
		Stop bit length	1 bit or 2 bits
	USB port	Number of inputs	1
		Communication method	Conforms to USB 2.0 Full Speed
		Baud rate	Fixed to 115,200 bps
	RS-232C port	Power supply for the barcode reader	5 VDC ± 5%, 1,100 mA maximum (ambient temperature: 0 to 40°C 32 to 104°F) or 850 mA maximum (ambient temperature: 40 to 50°C 104 to 122°F)
Power output	Power for sensor		24 VDC ± 10%, 250 mA maximum
Rating	Power voltage		24 VDC ±10 %
	Current consumption		850 mA or less

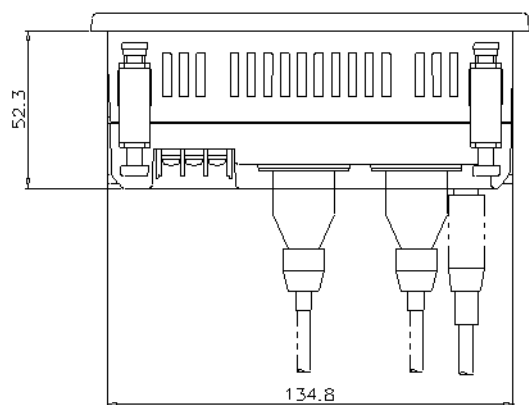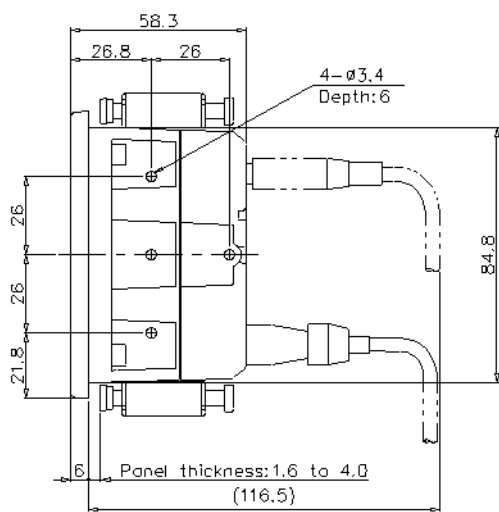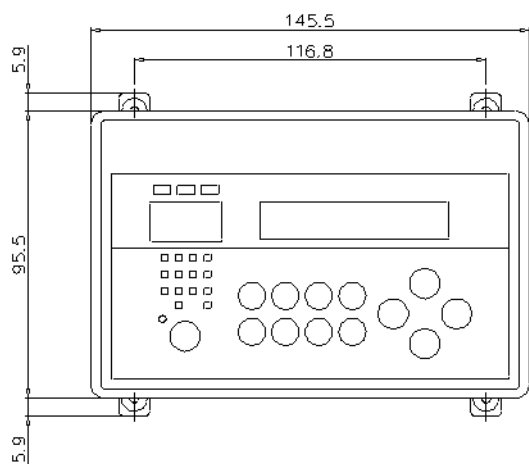| Environmental resistance	Enclosure rating	IP65
	Ambient temperature	0 to +50 °C 32 to 122 °F
	Relative humidity	35 to 85 % RH (No condensation)
	Operating environment	No dust or corrosive gases present
	Vibration resistance	10 to 55 Hz, Double amplitude 0.3 mm 0.01", 55 to 500 Hz, 2 G
Weight		Approx. 360 g

[1] To connect the SR-1000/750, the OP-87533 and the OP-87527/87528/87529 are required. To connect the SR-G100, the SR-LR1/OP-27937 are required.
[2] To connect the HR-100, HR-1C3RC/OP-87533 are required. To connect the HR-100B, HR-UC1/HR-1C3RB/OP-88046/OP-99022/OP-88081 are required.

Dimensions

* Download CAD file or product manual for larger image/text and more detail.

DV-90

Panel cutout