





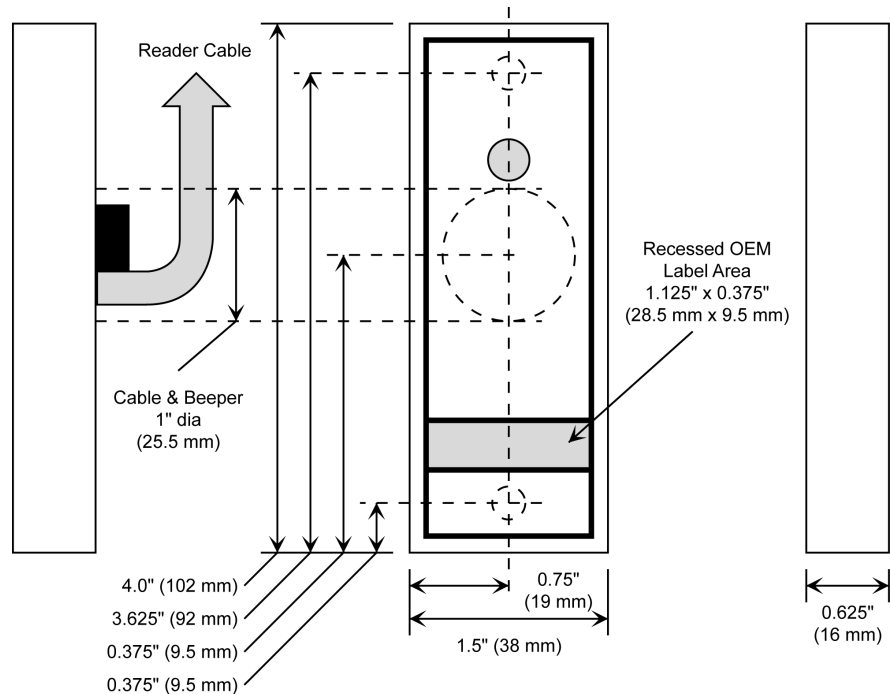
# MCR-403 *InStar* Proximity Reader

Data Sheet

<b>Read Range <sup>a</sup>:</b> Standard "Clamshell" Style Card - Up to 4 inches (102 mm)	
<b>Size:</b> 4 x 1.5 x 0.63 inches (102 x 38 x 16 mm)	<b>Weight:</b> 4 oz. (113 g)
<b>Input Voltage <sup>b</sup>:</b> +5 to 14 VDC	<b>Current Draw:</b> 95 mA typical
<b>LED Indicator:</b> Four-State Standard (Red, Green, Amber, and Off)	<b>Audio Tone:</b> Standard
<b>Frequency:</b> 125 KHz excitation	<b>Operating Temperature:</b> -40° C to +65° C
<b>Colors:</b> Black	<b>Metal Mounting:</b> May be mounted directly to metal.
<b>Formats:</b> Wiegand (26-bit Industry Standard) and "Pass Thru" Wiegand Formats	
<b>Credential Compatibility <sup>c</sup>:</b> Indala - ASP Formatted Cards and Tags Keri - -10X, -26X, and Keri Custom Formatted Cards and Tags	
<b>Warranty:</b> The MCR-403 carries a limited lifetime warranty against defects in materials and workmanship.	
<b>Certifications:</b> CSA, UL, FCC, CE, C-Tick.	

- Read range is stated in a clean RF and electrical environment using PSC-1 cards presented parallel to the reader surface with the reader operating at 12 VDC. Additionally, read range may be affected by local installation conditions.
- Use of a linear power supply is always recommended.
- For further information regarding compatibility, please see the MCR-403 InStar Indala Compatible Proximity Reader Product Manual and the InStar Indala Compatibility Reference Document. Note that the MCR-403 will not read Indala's credentials programmed with the ESP, ECR, or ASP+ format structures. Nor will it read Pyramid Series or HID credentials.

Indala Compatible Reader



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