MAXIMUM DETECTION WITH PROVEN RELIABILITY

Progress Rail’s Advanced Concept Scanner (ACS) incorporates the field-service proven capabilities of the ISO-CLAMP rail-mounted scanner with technological and design improvements for optimum accuracy, life-long reliability and minimal maintenance.

The scanner’s simple, compact design allows the rail mounted ACS to be positioned close to the rail for improved performance, easy mounting and adjusting. The self-locking aperture shutter mechanism is mounted directly on the scanner base plate to permit rapid protective shutter replacement in the field.

A six-position “Cant Cam” clamp design facilitates simple, accurate cant angle adjustment in one-half degree increments. The advanced optic system has rotary lens focusing. Enhanced aerodynamics keeps optics cleaner and minimizes maintenance. The universal scan pattern is compatible with all types of roller-and plain-bearing assemblies.

Replaceable higher wattage cover heaters (350 watts) help prevent internal moisture accumulation. The removable scanner cable has a tamper-resistant connector. A rain kit improves performance in heavy rain and keeps optics cleaner. Enhanced aerodynamics minimizes maintenance. A mouse guard protects the unit from rodent damage.

### SPECIFICATIONS

**Power Requirements**

<table>
<thead>
<tr>
<th>Component</th>
<th>Voltage</th>
<th>Current</th>
<th>Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shutter power</td>
<td>12 VDC</td>
<td>5 amps</td>
<td>60 watts</td>
</tr>
<tr>
<td>Integrity heater</td>
<td>15 120 VAC</td>
<td>0.5 amps</td>
<td>60 watts</td>
</tr>
<tr>
<td>Scanner cover-heaters (2 per scan)</td>
<td>115 VAC</td>
<td>3.01 amps</td>
<td>350 watts</td>
</tr>
</tbody>
</table>

**Operating Temperature**

Minimum -40°F (-40°C) Maximum +160°F (+71°C)

**Dimensions**

- Height: 7.125 in (18.1 cm)
- Width: 6 in (15.24 cm)
- Depth: 16 in (40.64 cm)

**Weight**

20 lb (9.07 kg) (Without isolators, cable or clamp assembly attached)

**Options**

- Standard rail clamps
- Low-profile rail clamps
- Rain kit

**Progress Rail**

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