OUTSTANDING FEATURES

- Point of sale printed delivery ticket.
- Customized delivery tickets (contact factory).
- Reproduction of lost or damaged delivery ticket prior to start of next delivery.
- Maintenance reports for calibration and malfunction history.
- Preventive maintenance schedule and recalibration date printing on daily trip report.
- Log failure report for maintenance personnel.
- Self test to check control circuit function, printer mechanism and printing quality.
- Shock mounted waterproof NEMA-4X enclosure.
- Optional heaters for operation below 32 deg. F.

GENERAL DESCRIPTION

The Hoffer ACE P8 is a line thermal paper printer for use with ACE II and ICE cryogenic flow computers. It is a compact, lightweight printer with RS232 interface, mounted in a non-corrosive NEMA-4X enclosure. Printing at 2 inches/sec, the ACE P8 can be used in a variety of commercial and industrial applications in which small size and low cost are important considerations. The ACE P8 printer meets these objectives without compromising performance and reliability.
**SPECIFICATIONS**

**PRINTER CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Printing Method</td>
<td>Line Thermal Printing</td>
</tr>
<tr>
<td>No. of columns</td>
<td>42, 24</td>
</tr>
<tr>
<td>Dot Density</td>
<td>8 dots/mm (203 dpi)</td>
</tr>
<tr>
<td>Print Speed</td>
<td>2 inches/sec</td>
</tr>
<tr>
<td>Print Width</td>
<td>48.8mm, 384 dots</td>
</tr>
<tr>
<td>Characters per Line</td>
<td>Font A: 32 characters/line</td>
</tr>
<tr>
<td></td>
<td>Font B: 42 characters/line</td>
</tr>
<tr>
<td>Recommended Paper</td>
<td>58mm +/- x 2.25 inch</td>
</tr>
<tr>
<td></td>
<td>diameter</td>
</tr>
<tr>
<td>Interfaces</td>
<td>IRS-232C</td>
</tr>
<tr>
<td>Power</td>
<td>12, 24 VDC</td>
</tr>
<tr>
<td>Dimension</td>
<td>7.7”x7.7”x7.0”</td>
</tr>
</tbody>
</table>

**Enviromental (without heaters)**

- **Temperature**: 0º to 50º C (ambient)
- **Relative Humidity**: 35% to 85%, non-condensing

**Reliability**

- MCBF 50 million pulses
- Print head 50 km of paper

**ORDERING INFORMATION**

**Model ACE - P8 - **

**Power Options**

- **(12)** 12 VDC Power Input.
- **(24)** 24 VDC Power Input.

**Heaters**

- **(H)** Heater-Required when temperature falls below 32 Deg. F.

**Enclosures**

- **(M)** The printer is mounted in a fiberglass water-proof enclosure that meets Nema 4X and is supplied complete with shock mounts. The enclosure needs to mount in a semi-protected area away from melting frosted pipes.

**Special Features**

- **(SP)** Any special features that are not covered in the model number, use a written description of the -SP.
- **(CE)** CE mark required for Europe.

**INSTALLATION DRAWING**

**ORDERING INFORMATION**

The quality system covering the design, manufacture and testing of our products is certified to International Standard ISO 9001.