The development of the electronic E70s of new generation represents a significant step forward for the solution of complex applications that require the use of a large number of sensors.

Thanks to the wide modularity offered by the system it is possible to configure measuring solutions from a minimum of two channels to a maximum of twelve, further expandable by means of external multiplexers.

The system is able to store up to 256 setting parameters for each one of the 12 sensors that can be directly connected to the E70s, thus allowing exhaustive tests for every kind of part that have to be checked.

A wide range of H.W. configurations can suit specific applications. The E70s is available with local or remote operator panels, providing various mounting solutions.
### GENERAL FEATURES

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Channels (max)</td>
<td>12</td>
</tr>
<tr>
<td>Number of connectable probes (max)</td>
<td>12 absolute or differential</td>
</tr>
<tr>
<td>Working frequency</td>
<td>10 kHz – 2 MHz</td>
</tr>
<tr>
<td>Number of parameter sets in memory</td>
<td>up to 256</td>
</tr>
<tr>
<td>Microprocessor</td>
<td>DSP processor for signal analysis</td>
</tr>
<tr>
<td>Part to probe distance compensation</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### MACHINE INTERFACE

- **Number of signals**: 64 I/O programmable (expandable)
- **Optoinsulted I/O configurable as BCD or I/O with protected outputs**: 2 x 32 (8 Out, 8 In, 16 In/Out programmable)
- **Sink / Source**: operating voltage 24 Vdc (-15/+20%)
- **Input current**: 5 mA / 24Vdc
- **Output current**: 100 mA / 24Vdc
- **Serial**: 2 x (RS232E)
- **Field bus**: Profibus / Interbus –S
- **Power supply**: 24Vdc (-15/+20%)
- **External trigger**: Yes
- **High speed dedicated I/O**: Yes

### USER INTERFACE

- **Autosetting functions**: Yes
- **Guided menus**: Yes
- **Graphic LCD**: 320 x 240 pixel , ¼ VGA (5,5”) Color
- **Remote panel**: max remotable distance: 20 m (65 feet)

### Dimensions for Mainframes, Stand Alone Unit and Panels

1. Integrated Mainframe ½ 19” - 4HE
2. Integrated Mainframe 19” - 3HE
3. Integrated Mainframe 19” - 4HE
4. Stand Alone Unit 19” - 3HE
5. Remote Panel ½ 19” - 3HE
6. Remote Panel 19” - 3HE

For a full list of address locations, please consult the Marposs official website.