Description
The EGA is an electric push/pull actuator to be coupled with a ratchet of a sequential gearbox in order to replace the normal input lever. This is provided with an elastic element that prevent actuator damage and allows to store energy during the first movement so to be released during gearshift. Controlled by GCC 110 electronic unit, the EGA performs quick up-shift and down-shift and can also make an “half-shift” to find neutral position if required.

Main Features
- Compact
- High push/pull force
- Very reliable
- Shaft position sensor integrated

Benefits
- Keep always hands on steering wheel
- Quick shift
- Simple lay-out
- Easy to install

Typical Applications
- Formula car
- Touring car
- GT car
- Rally car

Typical Performance
- Gearshift allowed in 80 ms
- Barrel movement in 40 ms
EGA
Electric Gearshift Actuator
Up to ± 18 mm stroke

Dimensions in millimetres

**Technical Characteristics**

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stroke</td>
<td>±18 mm</td>
</tr>
<tr>
<td>Force</td>
<td>max 1000 N</td>
</tr>
<tr>
<td>Current draw</td>
<td>peak 50 A</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>max 100 °C</td>
</tr>
<tr>
<td>Supply Voltage</td>
<td>12-14 Vdc</td>
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<tr>
<td>Weight</td>
<td>2.80 Kg</td>
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</tbody>
</table>

**Application schematics**

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Specifications are subject to change without prior notice