**BALL**  
Multifunction Grip

**Introduction**

The Multifunction grips (MFGs) provide the reliability required in demanding environmental conditions such as heavy duty industrial applications and off-road.

The high mechanical strength of the shaft and the unique look and feel make these multifunction grips ideal for rigorous use in rugged, harsh environments.

Multifunction grips are designed for use with AJ3/AJ4/AJN/SAL Joysticks but can also be used together with other joysticks. For more information on the AJ3, AJ4, AJN and SAL please consult the AJ3, AJ4, AJN and SAL datasheets.

**Main Features**

- Ergonomic shape and controls position
- Variable functions and mountings
- Grips mountable for left and right handed usage
- Precise tactile feedback of switches
- Company own K12 switch technology for high reliability

**Dimensions**

Switch Layout Diagram

**Standard cable (CS):**  
Typ: LIFY 0.25mm²  
Length: 1.200mm (from end of tube)
MFG Ball Large

SWITCH LAYOUT DIAGRAM

Standard cable (CS):
Typ: LIFY 0,25mm²
Length: 1.200mm (from end of tube)
**ORDERING OPTIONS**

**Example : Ball -L TAJ CAJ 1F-1**

<table>
<thead>
<tr>
<th>Family</th>
<th>Ball: MFG Ball</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Ball Size</strong></td>
<td>-L: Large</td>
</tr>
<tr>
<td></td>
<td>-S: Small</td>
</tr>
<tr>
<td><strong>Tube</strong></td>
<td>TAJ: tube for AJ3</td>
</tr>
<tr>
<td></td>
<td>TC...: customized tube</td>
</tr>
<tr>
<td><strong>Cable</strong></td>
<td>CAJ: cable for AJ3</td>
</tr>
<tr>
<td></td>
<td>CS: standard cable</td>
</tr>
<tr>
<td></td>
<td>CC: customized cable</td>
</tr>
</tbody>
</table>

**Functions**

- OF: no switch
- 1F-...: one switch
- 2F-...: two switches

**GENERAL NOTES**

(A) Details available on request (For more technical data and drawings see overleaf)

(B) Position of single switch (1F) – topview on ball grip:

Small Ball grip available with switch in position 1, 4, 5 or 8 only.

(C) Less is available on request

All switches are well known high reliable K12 switches

- up to 2 single switches
- rated for protection class AP65

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