

# DIN EN 894-3:2010-01 (E)

## Safety of machinery - Ergonomics requirements for the design of displays and control actuators - Part 3: Control actuators (includes Amendment A1:2008)

---

<b>Contents</b>		<b>Page</b>
<b>Foreword</b>	.....	<b>3</b>
<b>1</b>	<b>Scope</b> .....	<b>4</b>
<b>2</b>	<b>Normative references</b> .....	<b>4</b>
<b>3</b>	<b>Terms and definitions</b> .....	<b>4</b>
<b>4</b>	<b>Selection procedure</b> .....	<b>7</b>
<b>5</b>	<b>Task evaluation and information collection</b> .....	<b>7</b>
<b>6</b>	<b>Intermediate selection of control families</b> .....	<b>17</b>
<b>7</b>	<b>Identification of suitable control types</b> .....	<b>21</b>
<b>8</b>	<b>Additional information for the design of manual control actuators</b> .....	<b>32</b>
<b>Annex A (informative) Example of the use of this standard</b> .....		<b>35</b>
<b>Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 98/37/EC, amended by 98/79/EC</b> .....		<b>39</b>
<b>Annex ZB (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 2006/42/EC</b> .....		<b>40</b>