

# DIN EN 1809:2014-09 (E)

## Diving equipment - Buoyancy compensators - Functional and safety requirements, test methods

---

<b>Contents</b>		<b>Page</b>
Foreword .....		3
<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>Requirements .....</b>	<b>5</b>
4.1	General .....	5
4.2	Mandatory features .....	6
4.3	Optional features .....	8
4.4	Long-term usability .....	8
4.5	Resistance to hydrostatic pressure .....	9
<b>5</b>	<b>Test methods .....</b>	<b>9</b>
5.1	General .....	9
5.2	Visual inspection .....	9
5.3	Wearing and environmental resistance tests .....	9
5.4	Hydrostatic pressure test .....	10
5.5	Buoyancy test .....	10
5.6	Inflator tests .....	11
5.7	Deflation device test .....	11
5.8	Pressure relief test .....	11
5.9	Drainage test .....	11
5.10	Test of oral inflation device .....	12
5.11	Test of auxiliary inflation devices .....	12
5.12	Flow capacity of medium pressure hose and connector .....	12
5.13	Practical performance test .....	13
<b>6</b>	<b>Information supplied by the manufacturer .....</b>	<b>15</b>
6.1	Marking .....	15
6.2	Instructions for use .....	15
<b>Annex A (informative) Artificial sea water composition .....</b>		<b>17</b>
<b>Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of Directive on personal protective equipment (PPE) 89/686/EEC .....</b>		<b>18</b>
<b>Bibliography .....</b>		<b>19</b>