

DIN EN 1809:2016-09 (E)

Diving equipment - Buoyancy compensators - Functional and safety requirements, test methods (includes Amendment :2016)

Contents	Page
European foreword	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	4
4 Requirements	6
4.1 General	6
4.2 Mandatory features	6
4.3 Optional features	8
4.4 Long-term usability	9
4.5 Resistance to hydrostatic pressure	9
5 Test methods	9
5.1 General	9
5.2 Visual inspection	10
5.3 Wearing and environmental resistance tests	10
5.4 Hydrostatic pressure test	10
5.5 Buoyancy test	11
5.6 Inflator tests	11
5.7 Deflation device test	11
5.8 Pressure relief test	12
5.9 Drainage test	12
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	14
6 Information supplied by the manufacturer	15
6.1 Marking	15
6.2 Instructions for use	16
Annex A (informative) Artificial sea water composition	17
Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of Directive on personal protective equipment (PPE) 89/686/EEC	18
Bibliography	19