

Specification for

Direct current ratiometer indicators for aircraft

UDC 629.13.05:621.317.085

Confirmed
January 2009

NO COPYING WITHOUT BSI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW



Document Sharing Hub

Foreword

This revised British Standard includes data relating to platinum resistance thermometer elements in addition to that given in BS G 114:1949, for nickel resistance thermometer elements. An Appendix has been added, giving information on minimum tests recommended to verify the serviceability of instruments manufactured in compliance with the requirements of the standard.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 5 and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

This British Standard, having been approved by the Aircraft Industry Standards Committee and endorsed by the Chairman of the Engineering Divisional Council, was published under the authority of the General Council of the Institution on 19 November 1953

© BSI 12-1999

ISBN 0 580 34130 5

Amendments issued since publication

Amd. No.	Date	Comments

Contents

	Page
Foreword	Inside front cover
1 Scope	1
2 Definition	1
Section 1. General requirements	
3 Preferred size of case	1
4 Preferred units of measurement	1
5 General construction	1
6 Declaration of performance	1
Section 2. Particular requirements	
7 Construction	1
Section 3. Tests	
8 General	2
9 Position test	2
10 Ranging test	2
11 Friction test	2
12 Voltage test	2
13 Rotational acceleration test	2
14 Temperature compensation test	2
15 Vibration, acceleration and climatic proofing tests	3
16 Insulation resistance	3
17 Position, ranging and friction tests	3
18 Insulation resistance test	3
Appendix A Temperature-resistance characteristics for nickel resistance thermometer elements	4
Appendix B Temperature-resistance characteristics for platinum resistance thermometer elements	4
Appendix C Serviceability tests	5