

National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 837-3:1997

ICS 17.100

PRESSURE GAUGES - PART 3: DIAPHRAGM AND CAPSULE PRESSURE GAUGES -DIMENSIONS, METROLOGY, REQUIREMENTS AND TESTING

National Standards Authority of Ireland Dublin 9 Ireland

Tel: (01) 807 3800 Tel: (01) 807 3838

This Irish **Standard was** publi**shed under t**he au**thority of the** National **Standards** Authority of Ireland and comes into effect on: August 15, 1997

NO COPYING WITHOUT NSAI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW

© NSAI 1997

Price Code J

Údarás um Chaighdeáin Náisiúnta na hÉireann

This is a free page sample. Access the full version online.

This is a free page sample. Access the full version online.

DECLARATION

OF

SPECIFICATION

ENTITLED

PRESSURE GAUGES - PART 3: DIAPHRAGM AND CAPSULE PRESSURE GAUGES -

DIMENSIONS, METROLOGY, REQUIREMENTS AND TESTING

AS

THE IRISH STANDARD SPECIFICATION FOR

PRESSURE GAUGES - PART 3: DIAPHRAGM AND CAPSULE PRESSURE GAUGES -

DIMENSIONS, METROLOGY, REQUIREMENTS AND TESTING

NSAI in exercise of the power conferred by section 16 (3) of the National Standards Authority of Ireland Act, 1996 (No. 28 of 1996) and with the consent of the Minister for Enterprise, Trade and Employment, hereby declares as follows:

1. This instrument may be cited as the Standard Specification (Pressure gauges - Part 3: Diaphragm and capsule pressure gauges - Dimensions, metrology, requirements and testing) Declaration, 1997.

2. (1) The Specification set forth in the Schedule to this declaration is hereby declared to be the standard specification for Pressure gauges - Part 3: Diaphragm and capsule pressure gauges - Dimensions, metrology, requirements and testing. The Schedule comprises the text of EN 837-3:1996.

(2) The said standard specification may be cited as Irish Standard EN 837-3:1997 or as I.S. EN 837-3:1997.

This is a free page sample. Access the full version online.

EUROPEAN STANDARD

EN 837-3

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 1996

ICS 17.100

Descriptors: Metrology, measuring instruments, pressure measurements, manometers, indicating instruments, dimensions, fidelity, measuring scales, specifications, metrological inspection, tests, packing, designation

English version

Pressure gauges - Part 3: Diaphragm and capsule pressure gauges - Dimensions, metrology, requirements and testing

Manomètres - Partie 3: Manomètres à membrane et manomètres à capsule - Dimensions, métrologie, prescriptions et essais Druckmeßgeräte - Teil 3: Druckmeßgeräte mit Platten- und Kapselfedern - Maße, Meßtechnik, Anforderungen und Prüfung

This European Standard was approved by CEN on 1996-10-30. CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

The European Standards exist in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

European Committee for Standardization Comité Européen de Normalisation Europäisches Komitee für Normung

Central Secretariat: rue de Stassart,36 B-1050 Brussels

© 1996 Copyright reserved to CEN members

Ref. No. EN 837-3:1996 E

•

•

Contents

Fore	Foreword		
1	Scope	4	
2	Normative references	4	
3	Definitions	4	
4	Nominal sizes	5	
5	Pressure ranges	5	
6	Accuracy classes	5	
7	Dimensions	6	
8	Wetted parts	12	
9	Requirements	12	
10	Testing	18	
11	Packaging for transportation	21	
12	Designation	22	
Ann	Annex A (informative) Examples of scale numbering for accuracy classes from 0,6 to 4		
Annex B (informative) Examples of flanged and special connections			



This is a free preview. Purchase the entire publication at the link below:

Product Page

S Looking for additional Standards? Visit Intertek Inform Infostore

> Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation