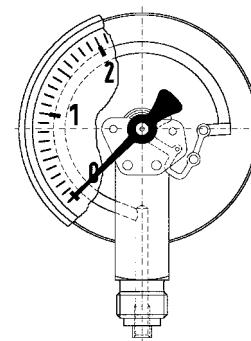


# Standard Bourdon tube pressure gauges

EN 837-1



- For pneumatic and heating system applications
- Design as per EN 837-1
- Accuracy class 1.6
- Corrosion-resistant, highly impact-resistant plastic housing
- Many customised versions available



**Application** For gaseous and liquid media which are not highly viscous, do not crystallise and do not attack copper alloys.

! For measuring gas or vapour, these gauges must be used in accordance with the table "Selection Criteria as per EN 837-2" (see appendix)!

## Technical specifications

### Type

D 1

### Nominal size

40 – 50 – 63 – 80 – 100

### Accuracy class (EN 837-1/6)

1.6

### Ranges (EN 837-1/5)

-1/0 to -1/+15 bar  
0/0.6 to 0/400 bar

### Application area

Static load:  $\frac{3}{4}$  x full scale value  
Dynamic load:  $\frac{2}{3}$  x full scale value  
Short-term: full scale value

### Operating temperature range

Medium:  $T_{max} = +60^{\circ}\text{C}$   
Ambient:  $T_{min} = -20^{\circ}\text{C}$   
 $T_{max} = +60^{\circ}\text{C}$

### Temperature performance

Indication error when the temperature of the measuring system deviates from the normal temperature of  $20^{\circ}\text{C}$ :  
rising temperature approx.  $\pm 0.4\% / 10\text{ K}$   
falling temperature approx.  $\pm 0.4\% / 10\text{ K}$   
of full scale value

### Degree of protection

IP 32 (EN 60529)

## Standard version

### Connection

Brass, bottom or centre back  
NG 40 G $\frac{1}{8}$ B – SW 12  
NG 50-63 G $\frac{1}{4}$ B – SW 14  
NG 80-100 bottom G $\frac{1}{2}$ B – spanner size SW 22  
NG 80-100 centre back G $\frac{1}{4}$ B – spanner size SW 14  
(EN 837-1/7.3)

### Measuring element

Bourdon tube, copper alloy  
 $\leq 60$  bar "C" type tube  
 $> 60$  bar helical tube

### Movement

Brass

### Dial

Plastic, white  
Dial marking black

### Pointer

Plastic, black

### Housing

Black ABS, highly impact-resistant and corrosion-resistant

### Window

Clip-in plastic, NG 80-100 with adjustable red reference pointer

## Options

- Damping screw
- Reference pointer
- Special scales
- Other process connections



See the catalogue DOMESTIC TECHNOLOGY for special heating and sanitary versions.

See page 28 for prices.

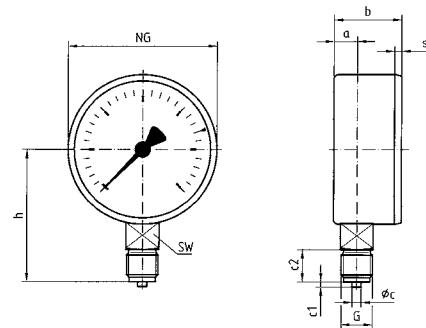
# Standard Bourdon tube pressure gauges

Type D 1 – NG 40/50/63/80/100

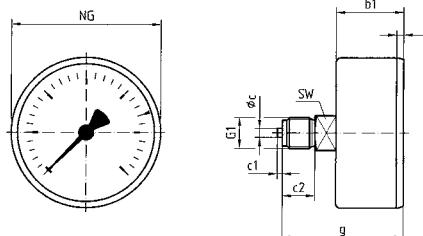
1

## Housing types and dimensions

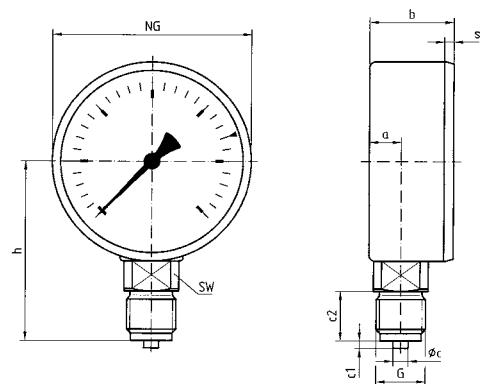
NG 40/50/63 – bottom connection



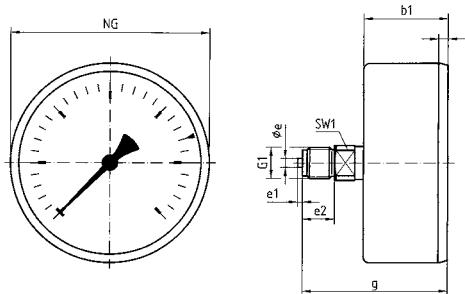
NG 40/50/63 – centre back connection



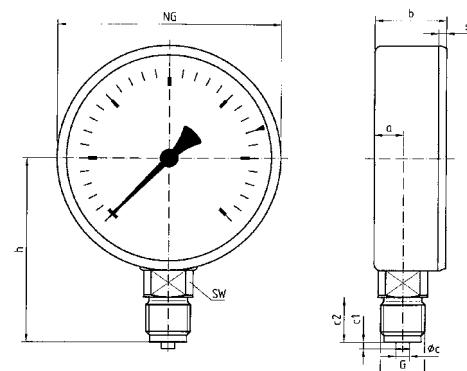
NG 80 – bottom connection



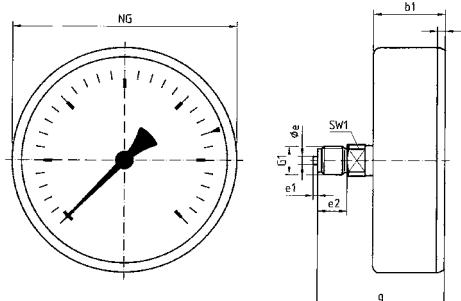
NG 80 – centre back connection



NG 100 – bottom connection



NG 100 – centre back connection



## Dimensions (mm)

Nominal size (NG)	a	b	b1	$\varnothing$ c	c1	c2	$\varnothing$ e	e1	e2	g	G	G1	h	s	SW	Spanner size SW1
40	9.5	25	25	4	2	10	-	-	-	41.5	G $\frac{1}{8}$ B	G $\frac{1}{8}$ B	36	3	12	-
50	10.3	26.8	27.1	5	2	13	-	-	-	47.1	G $\frac{1}{4}$ B	G $\frac{1}{4}$ B	45	3.8	14	-
63	9.8	29.7	30.4	5	2	13	-	-	-	50.4	G $\frac{1}{4}$ B	G $\frac{1}{4}$ B	51.5	3.7	14	-
80	12.8	32.8	32.8	6	3	20	5	2	13	55.8	G $\frac{1}{2}$ B	G $\frac{1}{2}$ B	72	2.8	22	14
100	15.5	34.5	32	6	3	20	5	2	13	55	G $\frac{1}{2}$ B	G $\frac{1}{2}$ B	82	3.5	22	14

# Standard Bourdon tube pressure gauges

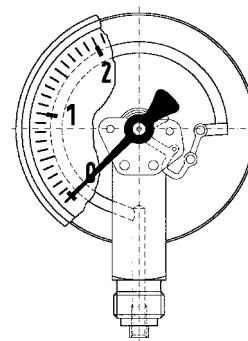
EN 837-1



- For pneumatic and heating system applications
- Robust steel or stainless steel housing
- Accuracy class 1.6
- Many customised versions available



Page 152



**Application** For gaseous and liquid media which are not highly viscous, do not crystallise and do not attack copper alloys.

! For measuring gas or vapour, these gauges must be used in accordance with the table "Selection Criteria as per EN 837-2" (see appendix)!

## Technical specifications

**Type**  
D 2/D 3

**Nominal size**  
40 – 50 – 63

**Accuracy class (EN 837-1/6)**  
1.6

**Ranges (EN 837-1/5)**  
-1/0 to -1/+15 bar  
0/0.6 to 0/400 bar

**Application area**  
Static load:  $\frac{3}{4}$  x full scale value  
Dynamic load:  $\frac{2}{3}$  x full scale value  
Short-term: full scale value

## Operating temperature range

Medium:  $T_{max} = +60^{\circ}\text{C}$   
Ambient:  $T_{min} = -20^{\circ}\text{C}$   
 $T_{max} = +60^{\circ}\text{C}$

## Temperature performance

Indication error when the temperature of the measuring system deviates from the normal temperature of  $20^{\circ}\text{C}$ :  
rising temperature approx.  $\pm 0.4\% / 10\text{ K}$   
falling temperature approx.  $\pm 0.4\% / 10\text{ K}$   
of full scale value

**Degree of protection**  
IP 32 (EN 60529)

## Standard version

### Connection

Brass, bottom or centre back  
NG 40 G $\frac{1}{8}$ B – spanner size SW 12  
NG 50-63 G $\frac{1}{4}$ B – spanner size SW 14  
(EN 837-1/7.3)

### Measuring element

Bourdon tube, copper alloy  
 $\leq 60$  bar "C" type tube  
 $> 60$  bar helical tube

**Movement**  
Brass

### Dial

Plastic, white  
Dial marking black

### Pointer

Plastic, black

### Housing

D 2 – black sheet steel  
D 3 – stainless steel 304

### Window

Clip-in plastic

## Options

- Panel mounting bezel
- 3-hole fixing, panel mounting bezel
- Damping screw

- Reference pointer
- Special scales
- Other process connections



See the catalogue DOMESTIC TECHNOLOGY for special heating and sanitary versions.  
See page 29 for prices.

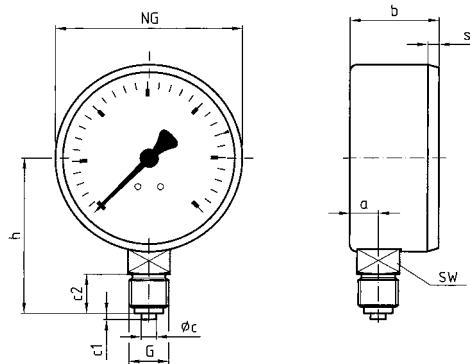
# Standard Bourdon tube pressure gauges

Type D 2/D 3 – NG 40/50/63

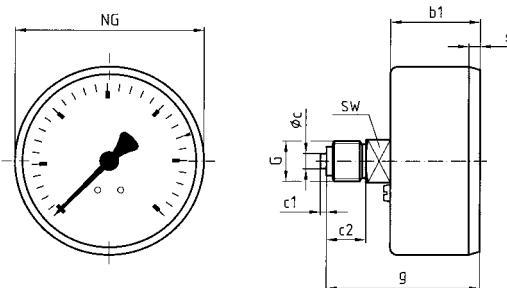
1

## Housing types and dimensions

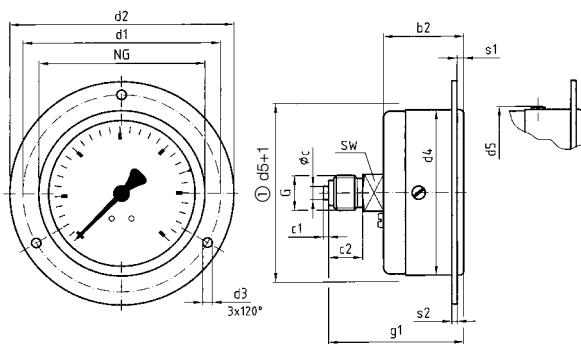
Bottom connection



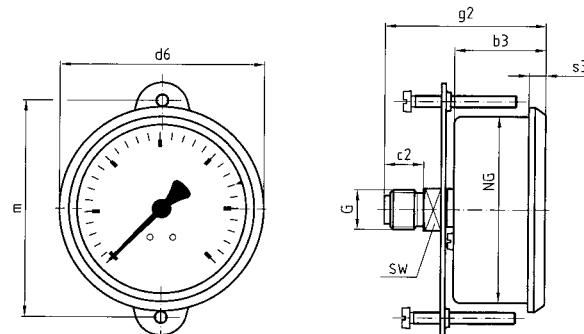
Centre back connection



Centre back connection, 3-hole fixing, panel mounting bezel



Centre back connection, panel mounting bezel with clamp fixing



① Panel cut-out

## Dimensions (mm)

Nominal size (NG)	a	b	b1	b2	b3	$\varnothing$ c	c1	c2	d1	d2	d3	d4	d5	d6	g	g1	g2	G	h	m
40	8.5	23.5	25	26	28	4	2	10	51	61	3.6	41	45	44	41.5	42.5	46.6	G $\frac{1}{2}$ B	36	50
50	10.5	26	26	27.5	30.3	5	2	13	60	71	3.6	50	54	54	47	49	51.3	G $\frac{1}{4}$ B	45	58
63	9.5	29.4	29.4	30.3	30.3	5	2	13	75	85	3.6	63	66.5	67.8	50.4	51.3	53.3	G $\frac{1}{4}$ B	51.5	72

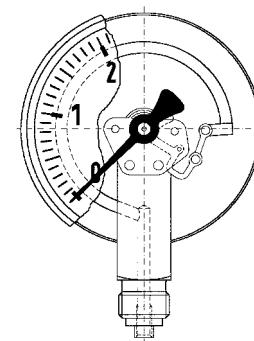
Nominal size (NG)	s	s1	s2	s3	SW														
40	3	2.5	2	5.2	12														
50	3.8	2.5	2	5.4	14														
63	3.7	2.5	2	5.6	14														

# Standard Bourdon tube pressure gauges

EN 837-1



- For domestic and mechanical engineering applications
- Robust steel housing
- Window with adjustable reference pointer
- Many customised versions available



**Application** For gaseous and liquid media which are not highly viscous, do not crystallise and do not attack copper alloys.

! For measuring gas or vapour, these gauges must be used in accordance with the table "Selection Criteria as per EN 837-2" (see appendix)!

## Technical specifications

### Type

D 2

### Nominal size

80 – 100

### Accuracy class (EN 837-1/6)

1.6

### Ranges (EN 837-1/5)

-1/0 to -1/+15 bar  
0/0.6 to 0/400 bar

### Application area

Static load:  $\frac{3}{4}$  x full scale value  
Dynamic load:  $\frac{2}{3}$  x full scale value  
Short-term: full scale value

### Operating temperature range

Medium:	$T_{max} = +60 \text{ }^{\circ}\text{C}$
Ambient:	$T_{min} = -20 \text{ }^{\circ}\text{C}$
	$T_{max} = +60 \text{ }^{\circ}\text{C}$

### Temperature performance

Indication error when the temperature of the measuring system deviates from the normal temperature of  $20 \text{ }^{\circ}\text{C}$ :  
rising temperature approx.  $\pm 0.4 \text{ \%}/10 \text{ K}$   
falling temperature approx.  $\pm 0.4 \text{ \%}/10 \text{ K}$   
of full scale value

### Degree of protection

IP 32 (EN 60529)

## Standard version

### Connection

Brass, bottom:  
NG 80 – 100 G $\frac{1}{2}$ B – spanner size SW 22  
Brass, centre back:  
NG 80 – 100 G $\frac{1}{4}$ B – spanner size SW 14  
(EN 837-1/7.3)

### Measuring element

Bourdon tube, copper alloy  
 $\leq 60 \text{ bar}$  "C" type tube  
 $> 60 \text{ bar}$  helical tube

### Movement

Brass

### Dial

Plastic, white  
Dial marking black

### Pointer

Plastic, black

### Housing

Sheet steel, black

### Window

Clip-in plastic, with adjustable red reference pointer

## Options

- Stainless steel housing (NG 100)
- Push on bezel
- Instrument glass window
- 3-hole fixing, panel mounting bezel

- Damping screw
- Reference pointer
- Special scales
- Other process connections

i

See the catalogue DOMESTIC TECHNOLOGY for special heating and sanitary versions.

See page 29 for prices.

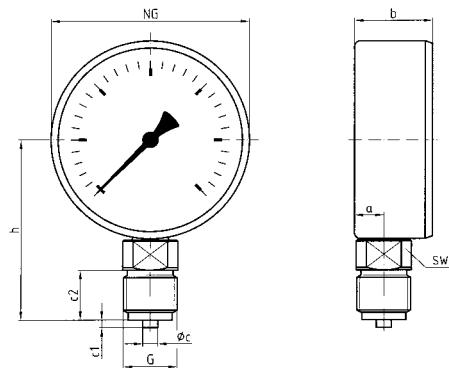
# Standard Bourdon tube pressure gauges

Type D 2 – NG 80/100

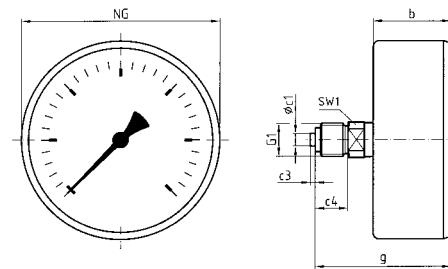
1

## Housing types and dimensions

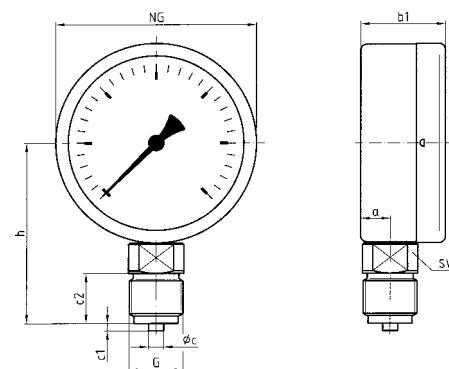
Bottom connection



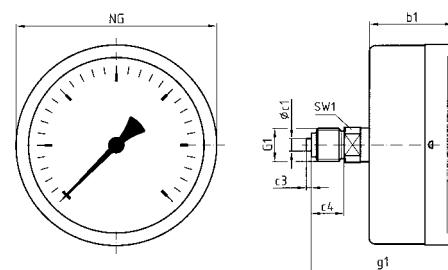
Centre back connection



Bottom connection, with push on bezel



Centre back connection, with push on bezel



## Dimensions (mm)

Nominal size (NG)	a	b	b1	Øc	c1	c2	Øc1	c3	c4	g	g1	G	G1	h	SW	Spanner size SW1
80	11.7	31	33.5	6	3	20	5	2	13	54	56.5	G½B	G¼B	72	22	14
100	11	29.5	34	6	3	20	5	2	13	52.5	57	G½B	G¼B	82	22	14

# Standard Bourdon tube pressure gauges

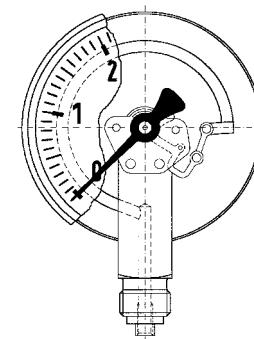
EN 837-1



- For domestic and mechanical engineering applications
- With reference pointer on dial
- Robust steel housing
- Many customised versions available



Page 154



1

**Application** For gaseous and liquid media which are not highly viscous, do not crystallise and do not attack copper alloys.

! For measuring gas or vapour, these gauges must be used in accordance with the table "Selection Criteria as per EN 837-2" (see appendix)!

## Technical specifications

### Type

D 2

### Nominal size

160

### Accuracy class (EN 837-1/6)

1.6

### Ranges (EN 837-1/5)

-1/0 to -1/+15 bar  
0/0.6 to 0/40 bar

### Application area

Static load:  $\frac{3}{4}$  x full scale value  
Dynamic load:  $\frac{2}{3}$  x full scale value  
Short-term: full scale value

### Operating temperature range

Medium:  $T_{max} = +60^{\circ}\text{C}$   
Ambient:  $T_{min} = -20^{\circ}\text{C}$   
 $T_{max} = +60^{\circ}\text{C}$

### Temperature performance

Indication error when the temperature of the measuring system deviates from the normal temperature of  $20^{\circ}\text{C}$ :  
rising temperature approx.  $\pm 0.4\% / 10\text{ K}$   
falling temperature approx.  $\pm 0.4\% / 10\text{ K}$   
of full scale value

### Degree of protection

IP 32 (EN 60529)

## Standard version

### Connection

Brass, bottom: G $\frac{1}{2}$ B – spanner size SW 22

### Measuring element

Bourdon tube, copper alloy  
 $\leq 60$  bar "C" type tube  
 $> 60$  bar helical tube

### Movement

Brass

### Dial

Aluminium, white  
Dial marking black with adjustable reference pointer

### Pointer

Aluminium, black

### Housing

Sheet steel, black

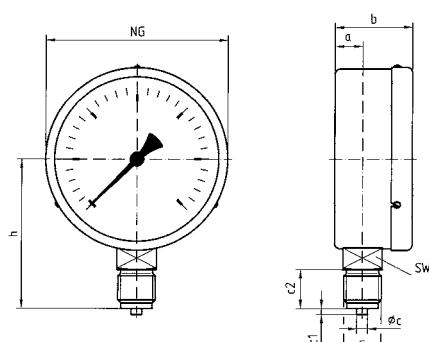
### Push on bezel

Sheet steel, black

### Window

Instrument glass

### Bottom connection



### Dimensions (mm)

Nominal size (NG)	a	b	$\varnothing c$	c1
160	15.5	50	6	3
Nominal size (NG)	c2	G	h	SW
160	20	G $\frac{1}{2}$ B	116	22

i

See the catalogue DOMESTIC TECHNOLOGY for special heating and sanitary versions.

See page 29 for prices.

### Options

- Damping screw
- Special scales
- Other process connections

# Standard Bourdon tube pressure gauges

EN 837-1

DG: M, PG: 2

1

Type	RF40, D101	RF40, D111	RF50, D101	RF50, D111	RF63, D101	RF63, D111	RF80, D101	RF100, D101
Version								
Housing Ø	40	40	50	50	63	63	80	100
Housing	ABS highly impact-resistant, clip-in plastic window							
Measuring element	Bourdon tube, copper alloy							
Accuracy class	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
Connection	G $\frac{1}{8}$ B	G $\frac{1}{8}$ B	G $\frac{1}{4}$ B	G $\frac{1}{4}$ B	G $\frac{1}{4}$ B	G $\frac{1}{4}$ B	G $\frac{1}{2}$ B	G $\frac{1}{2}$ B
PU*	100 piece	100 piece	100 piece	100 piece	100 piece	100 piece	50 piece	50 piece
							With adjustable red reference pointer on window	
Range (bar)	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.
<b>Price €</b>								
-1/0	<b>85001101</b>	<b>85001111</b>	<b>85051101</b>	<b>85051111</b>	<b>85101101</b>	<b>85101111</b>	85151101	85201101
-1/+0.6	---	---	---	---	85102101	85102111	85152101	85202101
-1/+1.5	---	---	---	---	<b>85103101</b>	<b>85103111</b>	85153101	85203101
-1/+3	---	---	---	---	<b>85104101</b>	85104111	85154101	85204101
-1/+5	---	---	---	---	<b>85105101</b>	<b>85105111</b>	85155101	85205101
-1/+9	---	---	---	---	85106101	85106111	85156101	85206101
-1/+15	---	---	---	---	<b>85107101</b>	85107111	85157101	85207101
<b>Price €</b>								
0/0.6	85009101	85009111	85059101	85059111	<b>85109101</b>	<b>85109111</b>	85159101	85209101
0/1	<b>85010101</b>	<b>85010111</b>	<b>85060101</b>	<b>85060111</b>	<b>85110101</b>	<b>85110111</b>	85160101	85210101
0/1.6	<b>85011101</b>	<b>85011111</b>	<b>85061101</b>	<b>85061111</b>	<b>85111101</b>	<b>85111111</b>	85161101	85211101
0/2.5	<b>85012101</b>	<b>85012111</b>	<b>85062101</b>	<b>85062111</b>	<b>85112101</b>	<b>85112111</b>	85162101	85212101
0/4	<b>85013101</b>	<b>85013111</b>	<b>85063101</b>	<b>85063111</b>	<b>85113101</b>	<b>85113111</b>	85163101	85213101
0/6	<b>85014101</b>	<b>85014111</b>	<b>85064101</b>	<b>85064111</b>	<b>85114101</b>	<b>85114111</b>	85164101	85214101
0/10	<b>85015101</b>	<b>85015111</b>	<b>85065101</b>	<b>85065111</b>	<b>85115101</b>	<b>85115111</b>	85165101	85215101
0/16	<b>85016101</b>	<b>85016111</b>	<b>85066101</b>	<b>85066111</b>	<b>85116101</b>	<b>85116111</b>	85166101	85216101
0/25	<b>85017101</b>	<b>85017111</b>	<b>85067101</b>	<b>85067111</b>	<b>85117101</b>	<b>85117111</b>	85167101	85217101
0/40	<b>85018101</b>	<b>85018111</b>	<b>85068101</b>	<b>85068111</b>	<b>85118101</b>	<b>85118111</b>	85168101	85218101
<b>Price €</b>								
0/60	85019101	85019111	<b>85069101</b>	<b>85069111</b>	<b>85119101</b>	<b>85119111</b>	85169101	85219101
0/100	85020101	85020111	<b>85070101</b>	<b>85070111</b>	<b>85120101</b>	<b>85120111</b>	85170101	85220101
0/160	85021101	85021111	<b>85071101</b>	<b>85071111</b>	85121101	<b>85121111</b>	85171101	85221101
0/250	85022101	85022111	85072101	85072111	85122101	<b>85122111</b>	85172101	85222101
0/400	---	---	85073101	85073111	85123101	<b>85123111</b>	85173101	85223101

\* Minimum order quantity for non-stock items = 100 pieces



See page 31 for extra charges.

# Standard Bourdon tube pressure gauges

EN 837-1

DG: M, PG: 2

1

Type	RF40, D201	RF40, D211	RF40, D231*	RF40, D251*	RF50, D201	RF50, D211	RF50, D231*	RF50, D251*
Version								
Housing Ø	40	40	40	40	50	50	50	50
Housing	Black sheet steel, plastic clip-in window							
Measuring element	Bourdon tube, copper alloy							
Accuracy class	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
Connection	G $\frac{1}{8}$ B	G $\frac{1}{8}$ B	G $\frac{1}{8}$ B	G $\frac{1}{8}$ B	G $\frac{1}{4}$ B	G $\frac{1}{4}$ B	G $\frac{1}{4}$ B	G $\frac{1}{4}$ B
			3-hole fixing, panel mounting bezel, stainless steel	Panel mounting bezel stainless steel, polished, with clamp fixing			3-hole fixing, panel mounting bezel, stainless steel	Panel mounting bezel stainless steel, polished, with clamp fixing
Range (bar)	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.
<b>Price €</b>								
-1/0	<b>85001201</b>	<b>85001211</b>	85001231	85001251	<b>85051201</b>	85051211	85051231	<b>85051251</b>
-1/+0.6	---	---	---	---	---	---	---	---
-1/+1.5	---	---	---	---	---	---	---	---
-1/+3	---	---	---	---	---	---	---	---
-1/+5	---	---	---	---	---	---	---	---
-1/+9	---	---	---	---	---	---	---	---
-1/+15	---	---	---	---	---	---	---	---
<b>Price €</b>								
0/1	85010201	<b>85010211</b>	85010231	85010251	85060201	85060211	85060231	<b>85060251</b>
0/1.6	85011201	85011211	85011231	85011251	85061201	85061211	85061231	85061251
0/2.5	85012201	85012211	85012231	85012251	85062201	85062211	<b>85062231</b>	<b>85062251</b>
0/4	<b>85013201</b>	<b>85013211</b>	85013231	<b>85013251</b>	<b>85063201</b>	<b>85063211</b>	<b>85063231</b>	<b>85063251</b>
0/6	<b>85014201</b>	<b>85014211</b>	<b>85014231</b>	<b>85014251</b>	<b>85064201</b>	<b>85064211</b>	<b>85064231</b>	<b>85064251</b>
0/10	<b>85015201</b>	<b>85015211</b>	<b>85015231</b>	<b>85015251</b>	<b>85065201</b>	<b>85065211</b>	<b>85065231</b>	<b>85065251</b>
0/16	<b>85016201</b>	<b>85016211</b>	<b>85016231</b>	<b>85016251</b>	<b>85066201</b>	<b>85066211</b>	<b>85066231</b>	<b>85066251</b>
0/25	<b>85017201</b>	<b>85017211</b>	85017231	85017251	85067201	85067211	85067231	85067251
0/40	85018201	85018211	85018231	85018251	85068201	85068211	85068231	85068251
<b>Price €</b>								
0/60	85019201	85019211	85019231	85019251	85069201	85069211	85069231	85069251
0/100	85020201	85020211	85020231	85020251	85070201	85070211	85070231	85070251
0/160	85021201	85021211	85021231	85021251	85071201	85071211	85071231	85071251
0/250	85022201	85022211	85022231	85022251	85072201	85072211	85072231	85072251
0/400	---	---	---	---	85073201	85073211	85073231	85073251

\* Dual scale, bar outer, black – psi inner, red  
 Minimum order quantity for non-stock items = 100 pieces.



See page 31 for extra charges.

# Standard Bourdon tube pressure gauges

EN 837-1

DG: M, PG: 2

1

Type	RF63, D201	RF63, D211	RF63, D231*	RF63, D251*	RF80, D201	RF100, D201	RF100, D211	RF160, D201	
Version									
Housing Ø	63	63	63	63	80	100	100	160	
Housing	Black sheet steel, plastic clip-in window								
Measuring element	Bourdon tube, copper alloy								
Accuracy class	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	
Connection	G1/4B	G1/4B	G1/4B	G1/4B	G1/2B	G1/2B	G1/4B	G1/2B	
			3-hole fixing, panel mounting bezel, stainless steel	Panel mounting bezel stainless steel, polished, with clamp fixing	With adjustable red reference pointer				
Range (bar)	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	
<b>Price €</b>									
-1/0	<b>85101201</b>	<b>85101211</b>	85101231	<b>85101251</b>	<b>85151201</b>	<b>85201201</b>	85201211	<b>85251201</b>	
-1/+0.6	85102201	85102211	85102231	85102251	85152201	<b>85202201</b>	85202211	85252201	
-1/+1.5	85103201	85103211	85103231	85103251	85153201	<b>85203201</b>	85203211	85253201	
-1/+3	85104201	85104211	85104231	85104251	85154201	<b>85204201</b>	85204211	85254201	
-1/+5	85105201	85105211	85105231	85105251	85155201	<b>85205201</b>	85205211	85255201	
-1/+9	85106201	85106211	85106231	85106251	85156201	<b>85206201</b>	85206211	85256201	
-1/+15	85107201	85107211	85107231	85107251	85157201	<b>85207201</b>	85207211	85257201	
<b>Price €</b>									
0/0.6	85109201	85109211	85109231	85109251	<b>85159201</b>	<b>85209201</b>	85209211	<b>85259201</b>	
0/1	<b>85110201</b>	85110211	85110231	85110251	<b>85160201</b>	<b>85210201</b>	85210211	<b>85260201</b>	
0/1.6	<b>85111201</b>	85111211	85111231	85111251	<b>85161201</b>	<b>85211201</b>	85211211	<b>85261201</b>	
0/2.5	<b>85112201</b>	<b>85112211</b>	<b>85112231</b>	<b>85112251</b>	<b>85162201</b>	<b>85212201</b>	85212211	<b>85262201</b>	
0/4	<b>85113201</b>	<b>85113211</b>	<b>85113231</b>	<b>85113251</b>	<b>85163201</b>	<b>85213201</b>	<b>85213211</b>	<b>85263201</b>	
0/6	<b>85114201</b>	<b>85114211</b>	<b>85114231</b>	<b>85114251</b>	<b>85164201</b>	<b>85214201</b>	<b>85214211</b>	<b>85264201</b>	
0/10	<b>85115201</b>	<b>85115211</b>	<b>85115231</b>	<b>85115251</b>	<b>85165201</b>	<b>85215201</b>	<b>85215211</b>	<b>85265201</b>	
0/16	<b>85116201</b>	<b>85116211</b>	<b>85116231</b>	<b>85116251</b>	<b>85166201</b>	<b>85216201</b>	<b>85216211</b>	<b>85266201</b>	
0/25	<b>85117201</b>	<b>85117211</b>	85117231	<b>85117251</b>	<b>85167201</b>	<b>85217201</b>	85217211	<b>85267201</b>	
0/40	<b>85118201</b>	85118211	85118231	85118251	<b>85168201</b>	<b>85218201</b>	85218211	<b>85268201</b>	
<b>Price €</b>									
0/60	85119201	85119211	85119231	85119251	<b>85169201</b>	<b>85219201</b>	85219211		
0/100	85120201	85120211	85120231	85120251	85170201	85220201	85220211		
0/160	85121201	85121211	85121231	85121251	85171201	85221201	85221211		
0/250	85122201	85122211	85122231	85122251	85172201	85222201	85222211		
0/400	85123201	85123211	85123231	85123251	85173201	85223201	85223211		

\* Dual scale, bar outer, black – psi inner, red

Minimum order quantity for non-stock items = 100 pieces.



See page 31 for extra charges.