

Compact Capsule Sensing Pr. Gauges

MODEL : CCPG (Normal Case)

SFCCPG (Solid Front Case)

Features

- Low range with high accuracy
- All SS internals
- Accuracy $\pm 1\%$ FSD
- Compact design avoids use of bulky manometers
- Ingress protection class IP-68
- These Pressure Gauges are well suited for low pressure measurement.
- The sensing Element Capsule, is made of 2 Stainless Steel Laser-welded Diaphragms.



Specifications

Ref. standard	EN 837
Dial	100 mm /150 mm, Aluminium, white background, black markings
Case	SS304 / SS316 with bayonet bezel
Protection	IP-68 (IS:13947 part I / IEC:60529)
Window	Safety glass (Shatter proof / Toughened glass)
Pointer	Light weight, balanced, aluminium
Capsule	SS316 / SS316L (made of two diaphragms laser-welded)
Socket	SS316 / SS316L
Movement	SS304 / SS316
Connection	1/2" NPT (M) as standard (other optional)
Range	Refer table
Accuracy	$\pm 1\%$ FSD
Over range	110% FSD Standard, Other on request
Zero reset	Provided
Blow out disc	Provided (on top)
Temperature suitability	Ambient (-) 20°C to 60°C, Media 100°C
Temperature Effect	Within $\pm 0.6\%$ FSD/10°C, when temperature changes from reference temperature of 20°C (as per EN-837 standard)
Optional	NACE Compliance CE Atex

Ranges

Range in mm WC

0-50	(-)50-0
0-60	(-)60-0
0-100	(-)100-0
0-160	(-)160-0
0-250	(-)250-0
0-400	(-)400-0
0-500	(-)500-0
0-600	(-)600-0
0-750	(-)750-0
0-1000	(-)1000-0
0-1600	(-)1600-0
0-2000	(-)2000-0
0-2500	(-)2500-0
0-4000	(-)4000-0
0-6000	(-)6000-0

Special combination for compound ranges available, within the above span

The parameters mentioned here are the standard specifications / values generally used for most of the process applications. Any other specification not appearing here also can be provided as per customer requirement. For higher temperature services above 100°C, we recommend to provide suitable cooling arrangement (Syphon, Cooling Tower, Impulse Tubing etc.)

Under Technical Collaboration with M/s. Gauges Bourdon, France

Ordering Information

MODEL



BASIC MODEL CODE
CCPG Normal Case
SFCCPG Solid Front Case

MOUNTING
V Bottom Entry, Local Mounting
S Bottom Entry, Surface Mounting
Y Bottom Entry, 2" Pipe Mounting
C Back Entry, Local Mounting
P Back Entry, Flush Panel Mounting

DIAL SIZE
100 100 mm **150** 150 mm

CASE
S4S SS 304
S6S SS 316

CAPSULE
S6S SS 316
S6L SS 316L

SOCKET
S6S SS 316
S6L SS 316L

MOVEMENT
S4S SS 304
S6S SS 316

OPTION
ATX Atex
BOB Blow out disc at back
BSN Built In Snubber
CLB Colour Band
CEM CE marking
DUS Dual Scale
EXZ External Knob for Zero Adjustment
NAC NACE
OXY O2 Cleaning
VCP Vac protection
L Nil
ACC Accessory
XXX Other

UNIT
KSC kg/cm2(g)
BAR bar(g)
PSI psi(g)
KPA kPa(g)
MPA MPa(g)
MBR mbar(g)
MMW mm WC(g)
CMW cm WC(g)
MWC m WC(g)
INW inch WC(g)
MMH mm Hg(g)
CMH cm Hg(g)
INH inch Hg(g)
XXX Other (Please specify)

CONNECTION							
Conn	Code	Size	Code	Type	Code	Male/ Female	Code
Thread	T	1/4"	06	NPS	NS	Male	M
		3/8"	10	NPT	NT	Female	F
		1/2"	15	BSP	BP		
		3/4"	20	BSPT	BT		
		1"	25	JIS-PF	PF		
	M20	M20	JIS-PT	PT			
			Gas	GS			
			R	RR			
			Rp	RP			
			Pitch 1.5	C			

e.g. For 1/2"NPT(M), Code: **T15NTM**
 For M20x1.5 (F), Code: **TM20CF**

RANGE
 Please Select from Table

Sample Model Code: **CCPG-V-150-S4S-S6S-S6S-S4S-T15NTM-(0-1000)-MMW-L**