

Heavy Duty Capsule Sensing Pr. Gauges



MODEL : HCPG (Normal Case)
SFHCPG (Solid Front Case)

Features

- Compliance to latest EN-837 standard
- Range : As show in the table
- All SS internals
- Special design with built in Gauges saver also available



Specifications

Ref. Standard	EN-837
Dial	100 mm / 150 mm in 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)
Movement	SS304 / SS316
Capsule	SS316 / SS316L
Pressure Chamber	SS316 / SS316L
Connection	1/2" NPT (M) as standard (other on request)
Range	Refer table
Accuracy	± 1.6% FSD
Over range	As per EN 837
Zero adjustment	Micrometer pointer
Blow out disc	Provided
Temperature suitability	Ambient (-) 20°C to 60°C, Media 100°C
Temperature Effect	Within ±0.6% FSD/10°C, when temperature changes from reference temperature of 20°C (as per EN-837 standard)
Optional	<ul style="list-style-type: none"> • Solid Front Case • Special Construction to withstand high design pressure (Built in Gauge Saver) • Built in Snubber • External Knob for zero setting • NACE compliance • CE • Atex

Ranges

0-250 mm WC	(-)250 to 0 mm WC
0-400 mm WC	(-)400 to 0 mm WC
0-600 mm WC	(-)600 to 0 mm WC
0-1000 mm WC	(-)1000 to 0 mm WC
0-1600 mm WC	(-)1600 to 0 mm WC
0-2500 mm WC	(-)2500 to 0 mm WC
0-4000 mm WC	(-)4000 to 0 mm WC
0-6000 mm WC	(-)6000 to 0 mm WC

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.)

MODEL



BASIC MODEL CODE
HCPG Normal Case
SFHCPG Solid Front Case

MOUNTING
V Bottom Entry, Local Mounting
S Bottom Entry, Surface Mounting
Y Bottom Entry, 2" Pipe Mounting

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

CASE
S4S SS 304
S6S SS 316

CAPSULE
S6S SS 316
S6L SS 316L

PRESSURE CHAMBER
S6S SS 316
S6L SS 316L

MOVEMENT
S4S SS 304
S6S SS 316

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				

OPTION

ATX Atex
BGS Built In Gauge Saver
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)

RANGE
 Please Select from Table

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

Sample Model Code: **HCPG-V-150-S4S-S6L-S6L-S4S-T15NTM-(0-400)-MBR-BGS**