



HCM Series

Specifications

Range Ratio 10 : 1
 Accurate Degree grade 1.5, grade 2.5
 Fluid Working Pressure DN 15~50 : 4MPa
 DN 80~100 : 1.6MPa
 Coat Working Pressure 1.6MPa
 Fluid Working Temperature -80° C ~ +200° C
 Connection ANSI Flange
 Environment Temperature -25° C ~ +55° C
 Explosion Proof Grade Ib II CT5

Electricity Signal Output
 Output Signal 4 ~ 20mA
 Linear Accuracy 1%
 Temperature Influence 0.5%/10° C
 Power Supply 13 ~ 30V DC
 Power Supply Consume : \leq 250mW

Restrict Alarm
 Power Supply 220 (\pm 10%)V DC
 Power Loss \leq 3W
 Working Temperature -25° C ~ +60° C



Electricity remote transmit type

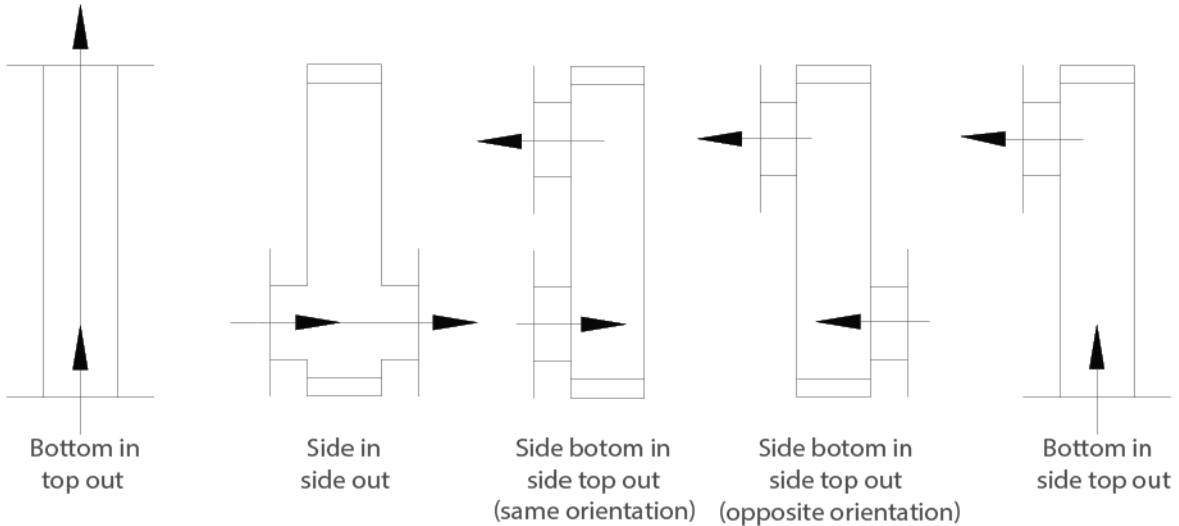


Scene indicator type

Model	l/h (Water)	DN Connection	Max. Pressure Loss (Kpa)(Water)
HCM - 1	1.6 ~ 16	1/2"	6.4
HCM - 2	2.5 ~ 25	1/2"	6.5
HCM - 3	4.0 ~ 40	1/2"	6.5
HCM - 4	6.0 ~ 60	1/2"	6.6
HCM - 5	11 ~ 100	1/2"	6.6
HCM - 6	16 ~ 160	1/2"	6.8
HCM - 7	25 ~ 250	1/2"	7.2
HCM - 8	40 ~ 400	1/2"	8.6
HCM - 9	60 ~ 600	1/2"	11.1
HCM - 10	80 ~ 800	1"	14.0
HCM - 11	100 ~ 1000	1"	7.0
HCM - 12	160 ~ 1600	1"	8.0
HCM - 13	250 ~ 2500	1"	10.8
HCM - 14	400 ~ 4000	1"	15.8
HCM - 15	500 ~ 5000	1"	16.2
HCM - 16	600 ~ 6000	2"	8.1
HCM - 17	1000 ~ 10000	2"	11.0
HCM - 18	1600 ~ 16000	2"	17.0
HCM - 19	2000 ~ 20000	3"	6.3
HCM - 20	2500 ~ 25000	3"	8.1
HCM - 21	4000 ~ 40000	4"	9.5
HCM - 22	6000 ~ 60000	4"	10.0
HCM - 23	8000 ~ 80000	5"	16.0
HCM - 24	10000 ~ 100000	5"	20.0
HCM - 25	12 ~ 120m ³ /h	6"	20.0
HCM - 26	15 ~ 150m ³ /h	6"	25.0



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ORDERING INFORMATION

HCM - T - L - 10 - 1 - E - CR - ES1

Type	Connection	Flow Direction	Wetted Part	Optional
S = Scene indicator type	DN15	1 = Bottom in, top out	A OCr18Ni12Mo2Ti	CR Corrosion resistant Type
T = Electricity remote transmit type	DN25	2 = Side in, side out	B 1Cr18NiTi	KT Keeper Type
	DN50	3 = Side bottom in, side top out (same orientation)	C PTFE	DT Damp Type
L = With LCD Display	DN80		D Titanium	HT High Temp. Type
	DN100	4 = Side bottom in, side top out (opposite orientation)	E SS 316L	HP High pressure Type
W = Without LCD Display	DN125			FP Flame proof Type
	DN150	5 = Bottom in, side top out		

Note : Only T type (Electricity remote transmit type) can have LCD display.

Commutator function combination

E

ES1 Remote transmit 4~20mA standard electricity signal, essence safe, explosion proof sign II CT5, safeequipment's type is LB9006

ES2 Remote transmit 4~20mA standard electricity signal

K1 Output with upper limit alarm

K2 Output with lower limit alarm

K12 Output with an upper limit alarm and a lower limit alarm

JSB Locale battery supply power, LCD indicate instantaneous flow and accumulative flow, essence safe

JSC 220V AC supply power, LCD indicate instantaneous flow and accumulative flow

JSD 24V AC supply power, LCD indicate instantaneous flow and accumulative flow, essence safe

JSE 24V AC supply power, LCD indicate instantaneous flow and accumulative flow, output 4~20mA standard electricity signal to transmit instantaneous flow, essence safe

Note : ES1 type transmit, instantaneous flow signal to corner changer by a com which has the same axes with a pointer, output direct ratio linear electricity signal.

ES2 is non contact style output linear electricity signal which is direct ratio with instantaneous flow by magnetism sensitive component and singleshio software.