

# Instrument manifold valve

## Model : A080

Spec. sheet no. AD00-09

### Service intended

It is used for switching flow between one common connection and the other two connections.

The instrument manifold valve is applied to a differential pressure gauge and a differential pressure transmitter.



### Ordering information

Base model : 1<sup>st</sup> thru 4<sup>th</sup> characters

### A080 : Instrument manifold valve

Max. static pressure up to 41 MPa



5 <sup>th</sup> character		6 <sup>th</sup> character			7 <sup>th</sup> character	
Code	Manifold type	Code	Mounting type	Code	Material	
T	3 way	1	3 or 5 way remote mounting pipe to pipe	B	316SS	
F	5 way	2	3 or 5 way remote mounting pipe to pipe w/vent port	C	316L SS	
		3	3 or 5 way direct mounting pipe to flange	D	Monel	
		4	3 or 5 way direct mounting pipe to flange w/vent port	E	Inconel	
		5	3 way direct mounting pipe to flange, tee section	Z	Other	
		6	3 or 5 way direct mounting flange to flange			
		Z	Other			

8 <sup>th</sup> character		9 <sup>th</sup> character		10 <sup>th</sup> character		11 <sup>th</sup> character	
Code	Packing material	Code	Connection	Code	Handle	Code	Unused character
2	PTFE	T	¼" NPT	1	T bar	0000	
4	Graphite	G	½" NPT	9	Other		
		Z	Other				

### Standard features

Max. working pressure : 41 MPa

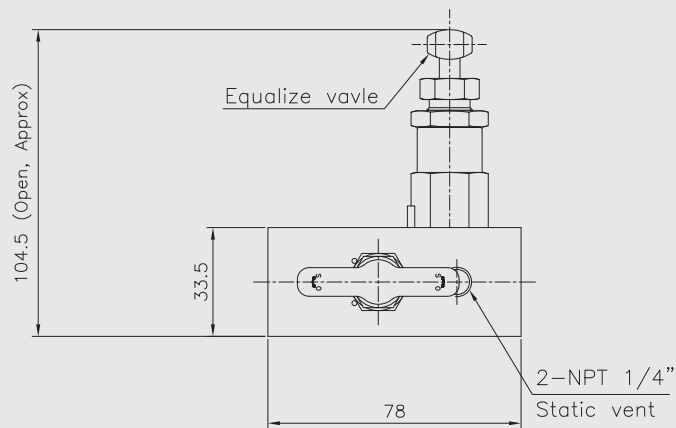
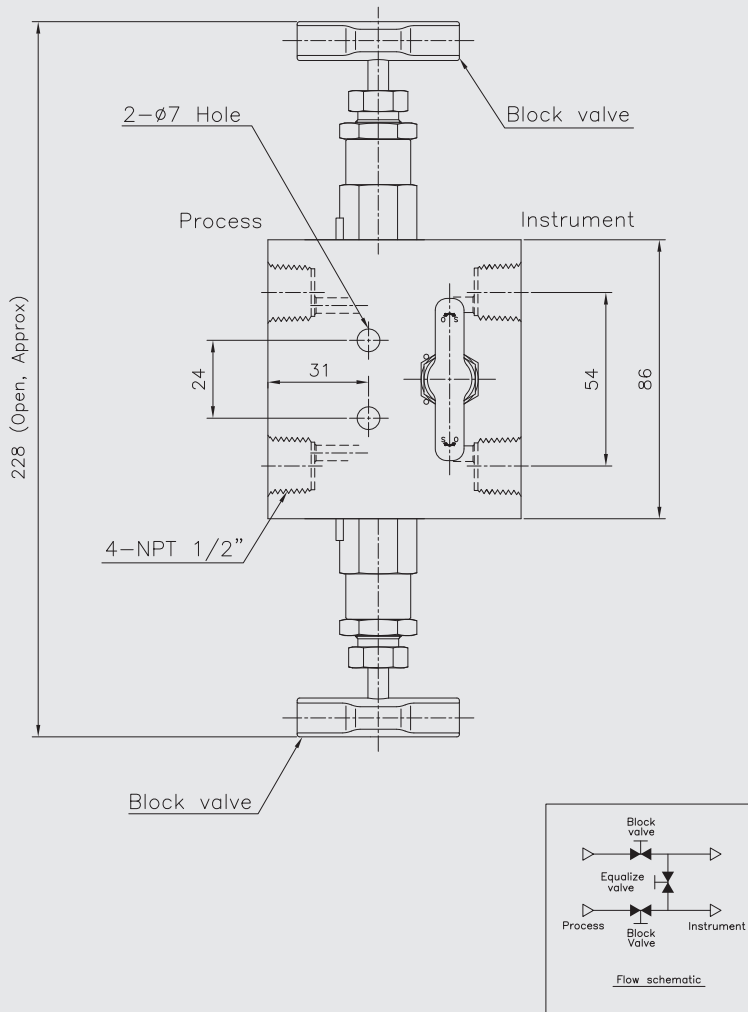
Max. working temperature : 240°C

Packing : PTFE : (-54 ~ 232°C)

Graphite : (-54 ~ 648°C)

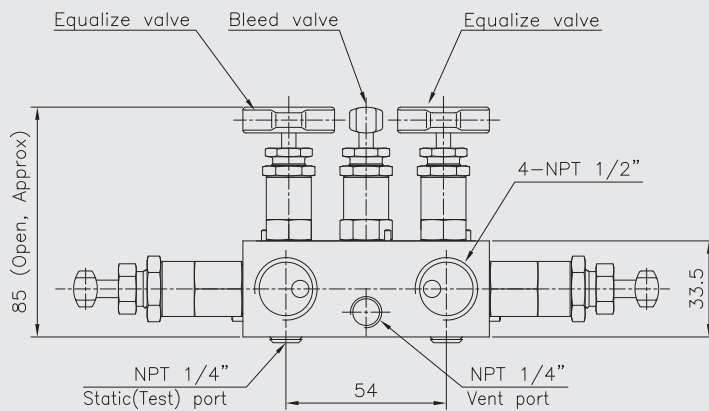
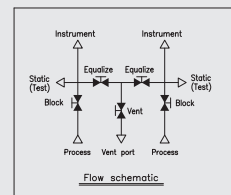
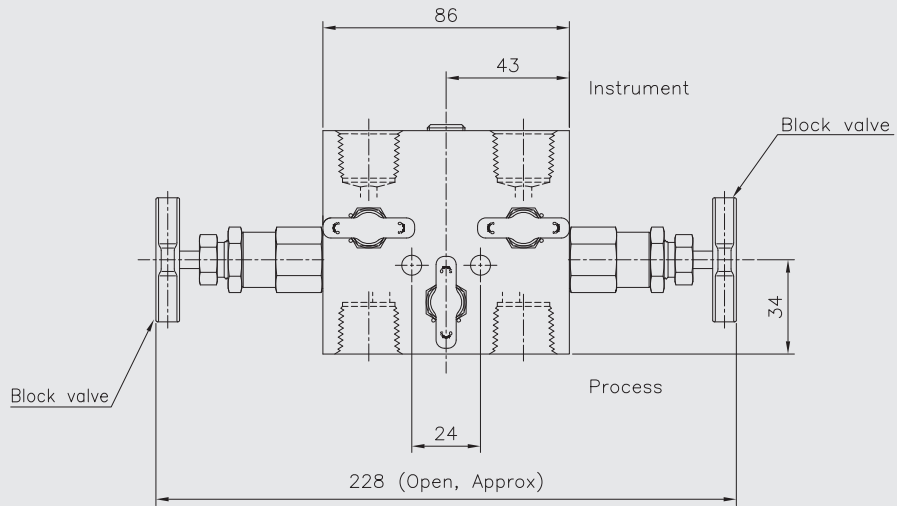
A080 : Type of mounting (1/2)

Code T1/T2



## A080 : Type of mounting (2/2)

Code F2



## Conversion table

### Pressure conversion chart

psi	atm	kgf/cm <sup>2</sup>	inH <sub>2</sub> O	mmHg	inHg	kPa	bar	mmH <sub>2</sub> O
1	0.068046	0.070307	27.7276	51.715	2.03602	6.835	0.06895	704.28104
14.696	1	1.0332	407.484	760	29.921	101.325	1.01325	10350.0936
14.2233	0.96784	1	394.38	735.559	28.959	98.096	0.98067	10,000
0.036092	0.002454	0.00253	1	1.8651	0.07343	0.249	0.00249	25.4
0.019336	0.001315	0.001359	0.53616	1	0.03937	0.1333	0.001333	13.618464
0.491154	0.0033421	0.03453	13.6185	25.4	1	3.3864	0.033864	345.9099
0.145	0.00987	0.010197	4.0186	7.5006	0.2953	1	0.01	102.07244
14.5038	0.98692	1.01972	402.156	750.062	29.53	100	1	10214.7624
0.00142	0.000097	0.0001	0.03937	0.0734	0.0029	0.0098	0.000098	1

## Memo