

FEATURES

- 3 different loop designs
- Tig welded & hydro-tested
- Seamless pipes construction
- · Threads welded
- Max working pressure 160 bar
- Max working temperature 400°C



APPLICATION

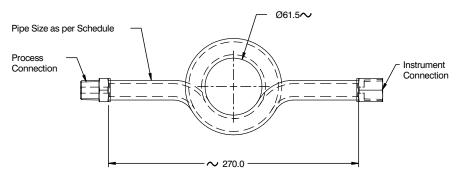
- · Heat dispenser for gauges, switches & transmitters
- Boilers

STANDARD SPECIFICATIONS

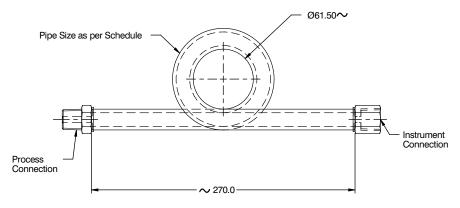
Туре	:	Pattern 1 (Coiled type)
Material	:	AISI 316 SS
Instrument connection	:	½" Pipe-end
Pipe size & schedule	:	Pipe 1/2" Sch 40
Connection type	:	Weld-in connection
Process connection	:	½" Pipe-end
Maximum working pressure	:	As per PT chart
Maximum working temperature	:	As per PT chart

DIMENSIONAL DRAWING

Pattern 1



Pattern 2

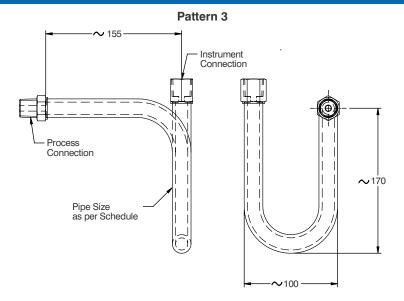


All dimensions are in mm.

GAUGE SIPHON



DIMENSIONAL DRAWING



P8

Epoxy coating

All dimensions are in mm.

ORDERING CODES

1. TYPE						
1 2 3	2 Pattern 2 (Pigtail type)					
2. MATERIAL						
MB MC MF MG	ASTM A105 / Carbon Steel ² AISI 304SS AISI 316 SS AISI 316L SS					
3. INSTRUMENT CONNECTION						
	3/8" NPT (M) 1/4" BSP (F) 1/2" BSP (F)	13B 12N 14N 03B 02N 04N 138 04M	1/4" NPT (M) 1/2" NPT (M) 3/8" BSP (F) 1/4" NPT (F) 1/2" NPT (F) 3/8" Pipe-end	l12		
4. PIPE SIZE & SCHEDULE						
U3 U5 UA UC	Pipe 3/8" Sch 40 Pipe ½" Sch 40 Pipe ¼" Sch 40 Pipe ½" Sch 160		Pipe 3/8" Sch 80 Pipe ½" Sch 80 Pipe ¼" Sch 80	U5		

5. CONN	5. CONNECTION TYPE					
C0 C1 C2 C3	Weld-in connections Thread on pipe, male Connection through adaptors Swivel female					
6. PROC	6. PROCESS CONNECTION					
12B 14B 13N 02B 04B 03N I14 I12	1/4" BSP (M) 1/2" BSP (M) 3/8" NPT (M) 1/4" BSP (F) 1/2" BSP (F) 3/8" NPT (F) 1/4" Pipe-end 1/2" Pipe-end M20x1.5 mm (I	13B 12N 14N 03B 02N 04N 138	3/8" BSP (F) 1/4" NPT (F)	112		
7. OTHER OPTIONS						
TC Material test certificate 3.1 TM Material test certificate 2.2 TN Tested to NACE standards TO Certification for Oxygen service TI IBR Certification XM Marking by engraving XL Marking by laser						

Ordering Example: A102-1-MF-I12-U5-C0-I12-XM

NOTES:

- ${\bf 1.\ Other\ process\ connections\ are\ available\ through\ adaptors.}$
- 2. Red oxide painted.
- 3. General Tolerance in total length : ± 10 mm, Ø : ± 2 mm
- 4. NACE testing is applicable upon minimum quantity, please contact factory.

© 2014 ITEC All rights reserved. Technical changes and errors are expected.