

Fabricated

MIEPL Make MTH01 Thermowell is a Fabrication type thermowell.

This is Low cost thermowell. This is also called Protection Tube. Used in low pressure, non corrosive area.

**FEATURES**

- ⇒ Economical version
- ⇒ Fabricated from pipe.
- ⇒ Threaded process connection.

APPLICATION

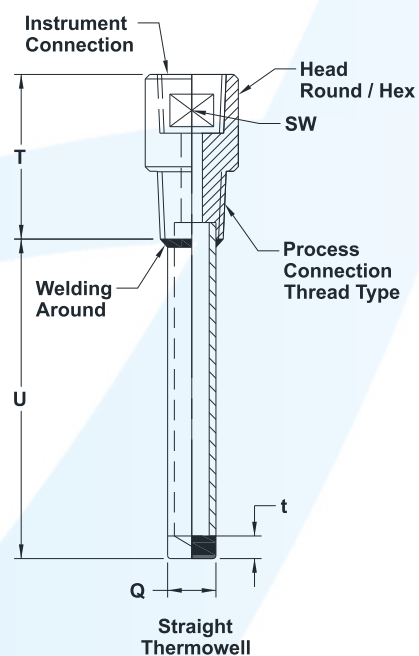
- ⇒ HVAC, Air filters & utilities
- ⇒ Tanks & vessels

REFERENCE

- ⇒ IEC-584.2 / ANSI MC-96.1

STANDARD SPECIFICATIONS

Shank form	: Straight
Head Material	: AISI 316 SS
Well Material	: AISI 316 SS
Instrument connection	: 1/2" NPT (F) / 1/2" BSP (F)
Well Tubes	: Tube Ø10 x 1.5 mm THK
Lag extension	: 50 mm
Immersion length	: 100 mm
Tip thickness	: 5 mm
Process connection	: 1/2" NPT (M) / 1/2" BSP (M)
Head typeHead size	: Hex:27 mm

DRAWING

ORDERING CODE

MTH01 - S MC MF 2NF 4NF

1. SHANK FORM	Straight	S	MC	MF	2NF	4NF
2. NO. OF SENSORS			MC			
	AISI 304SS			MF		
	AISI 316 SS					
2. HEAD MATERIAL	AISI 321 SS		MI			
	Inconel 600		MQ			
	Inconel 800		MS			
	Hastelloy C-276		MO			
	AISI 310 SS		ME			
	AISI 316L SS		MG			
	AISI 446 SS		M6			
	Inconel 625		MR			
	Inconel 825		MT			
3. WELL MATERIAL	AISI 304SS			MC		
	AISI 316 SS			MF		
	AISI 321 SS			MI		
	Inconel 600			MQ		
	Inconel 800			MS		
	Hastelloy C-276			MO		
	AISI 310 SS			ME		
	AISI 316L SS			MG		
	AISI 446 SS			M6		
	Inconel 625			MR		
	Inconel 825			MT		
4. INSTRUMENT CONNECTION	1/4" NPT (F)				2NF	
	3/4" NPT (F)				5NF	
	1/2" BSP (F)				4BF	
	M20 x 1.5 mm (F)				4MF	
	1/2" NPT (F)				4NF	
	1/4" BSP (F)				2BF	
	3/4" BSP (F)				5BF	
5. PROCESS CONNECTION	1/2" NPT (M)					2NM
	1" NPT (M)					6NM

ORDERING CODE

H - U1

	2" NPT (M)	8NM	H	U1
	¾" BSP (M)	5BM		
	1.5" BSP (M)	7BM		
	M20 x 1.5 mm (M)	4MM		
	¾" NPT (M)	5NM		
	1.5" NPT (M)	7NM		
	½" BSP (M)	4BM		
	1" BSP (M)	6BM		
	2" BSP (M)	8BM		
6. HEAD TYPE	Hex (up to Immersion length 250 mm)	H	L	
	Round with spanner slot	L		
7. HEAD SIZE	Mention in 'mm'	XX		
8. LAG EXTENSION ("T")	35 mm up to 250 mm	XXX		
9. WELL (PIPE)	Pipe 3/8" Sch 40	U3	U1	
	Pipe 3/8" Sch 80	U4		
	Pipe ½" Sch 40	U5		
	Pipe ½" Sch 80	U6		
	Pipe ¾" Sch 40	U7		
	Pipe ¾" Sch 80	U8		
	Pipe ¼" Sch 40	UA		
	Pipe ¼" Sch 80	UB		
	Pipe ½" Sch 160	UC		
	Pipe ¾" Sch 160	UD		
10. WELL (TUBE)	TUBE Ø 10X1.5 mm THK	U1	U1	
	TUBE Ø 12X1.5 mm THK	UL		
	TUBE Ø 14X2.5 mm THK	UM		
	TUBE Ø 12X1.0 mm THK	UN		
	TUBE Ø 14X1.0 mm THK	UO		
	TUBE Ø 16X2.0 mm THK	UP		
11. IMMERSION LENGTH ("U")	50 mm up to 1000 mm	XXXX		

ORDERING CODE

		M	-	WM
12. TIP THICKNESS ("t")	5 mm	M		
	6.35 mm (1/4")	N		
	10 mm	O		
13. OTHER OPTIONS	Plug & chain in SS			WI
	Marking by engraving			WM
	Material test certificate 3.1			SC
	Dye penetration test			SD
	Material test certificate 2.2			SM
	Hydro test certificate			SH

Ordering Example : MTH01 - S - MC - MF - 2NF - H - U1 - M - WM

NOTES:

1. Other pipe/tube sizes, "U" lengths, connections are available. please contact factory for details.
2. Please refer "Technical Guidance Sheet" for the proper selection of connections according to Head size and Outer diameter of the well.