

Model 800

Pipewell

Daily Thermetrics' Model 800 Pipewells are built from industrial grade pipe (as opposed to bar stock) to accommodate longer lengths which might not be practical for traditional thermowells. Additionally, Pipewell assemblies can accommodate multiple sensing probes to provide a more thorough temperature profile along the length of the pipe. These multipoint systems can be paired with secondary containment chambers and localized junction boxes for vessel profiling. Connection types can be threaded (NPT), flanged, or other.

B	Type
<p>PL</p> <p>Plain</p>	
<p>PB</p> <p>Pipe with Bushing</p>	
<p>PF</p> <p>Pipe with Flange</p>	

C	Tip Style
<p>ST</p> <p>Sensitive Tip</p>	
<p>EP</p> <p>End Plug</p>	

Model 800 How to Order

EXAMPLE:

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
800	PF	ST	U12	H3	316	b281	P1	SCH40	2RF	300	316	NA	NA	AD	13

• INDICATES COMMON SELECTION

A	Model
800	Pipewell

B	Type
PL	Plain
PB	Pipe with Bushing
PF	Pipe with Flange

C	Tip Style
EP	End Plug
ST	Sensitive Tip

D	U Dimension (Insertion Length)
U12	12"
U18	18"
U24	24"
U30	30"
U36	36"
U48	48"
U60	60"
U72	72"
UXX	Custom

E	H Dimension (Head Length)
H3	3"
HXX	Custom
HN	None (For Plain Model)

F	Pipewell Material Code
304	304SS
316	316SS
347	347SS
I600	Inconel® 600

See Page 19 for Additional Materials

G	b Dimension (Bore for Sensitive Tip)
b281	.281"
bXXX	Custom
NA	No Bore (End Plug)

H	Pipe Size
P1/2	1/2"
P3/4	3/4"
P1	1"
PXXX	Custom

I	Pipe Schedule
SCH40	Sch 40
SCH80	Sch 80
SCH160	Sch 160
SCHXXH	Sch XXH

J	Process Connection ⁴
1RF	1" RF
1.5RF	1-1/2" RF
2RF	2" RF
3RF	3" RF
1.5RTJ	1-1/2" RTJ
2RTJ	2" RTJ
XRF	Custom RF
XRTJ	Custom RTJ
B.75	3/4" NPT Bushing
B1	1" NPT Bushing
B1.25	1-1/4" NPT Bushing
B1.5	1-1/2" NPT Bushing
B2	2" NPT Bushing
NA	No Process Connection

K	Flange Rating ⁴
150	150#
300	300#
600	600#
900	900# ⁵
1500	1500#
2500	2500#
NA	No Flange

L	Bushing and/or Flange Material Code
316	316/316L SS
347	347/347H SS
M400	Monel® 400
I600	Inconel® 600
I800	Incoloy® 800
A105	A105 CS
NA	No Flange

See Page 19 for Additional Materials

M	Coating Spray and Fuse - 1/16" Thick
S6	Stellite® 6
S1	Stellite® 1
C88	Colmonoy® 88
NA	No Coating

N	K Dimension (Coating Length)
KU	Entire U Dimension
KXX	Custom Length From Tip
NA	No Coating

O	Optional Testing ² (String Letters Together for Multiple)
A	Internal Hydrostatic Test with Report
B	External Hydrostatic Test with Report
C	Hardness Test with Report
D	Ferrite Test with Report
E	Dye Penetrant Test with Report
F	Radiographic Test with Report
NA	No Additional Testing

P	Optional Test Reports ² (String Numbers Together for Multiple)
1	Positive Material Identification Report
2	Positive Material Identification Certificate
3	NACE MR0103 Compliance Certificate
4	Material Test Reports
5	Ultrasonic Test Report (Full Penetration Welds Only)
NA	No Additional Reports

1. See Page 25 for more information on testing and reports.
2. Unique and simplified item number will be generated and issued to every customized thermowell for ease of reordering.
3. The majority of options are customizable. Please contact sales if your requirements are not met by this catalog.
4. Flange face finish is 125-250 RMS for raised face and 63 AARH for RTJ sealing surface.
5. Per ASME B16.5, 900# flanges have the same dimensions as 1500# flanges for flanges 2-1/2" and smaller. For those sizes, 1500# will be provided.