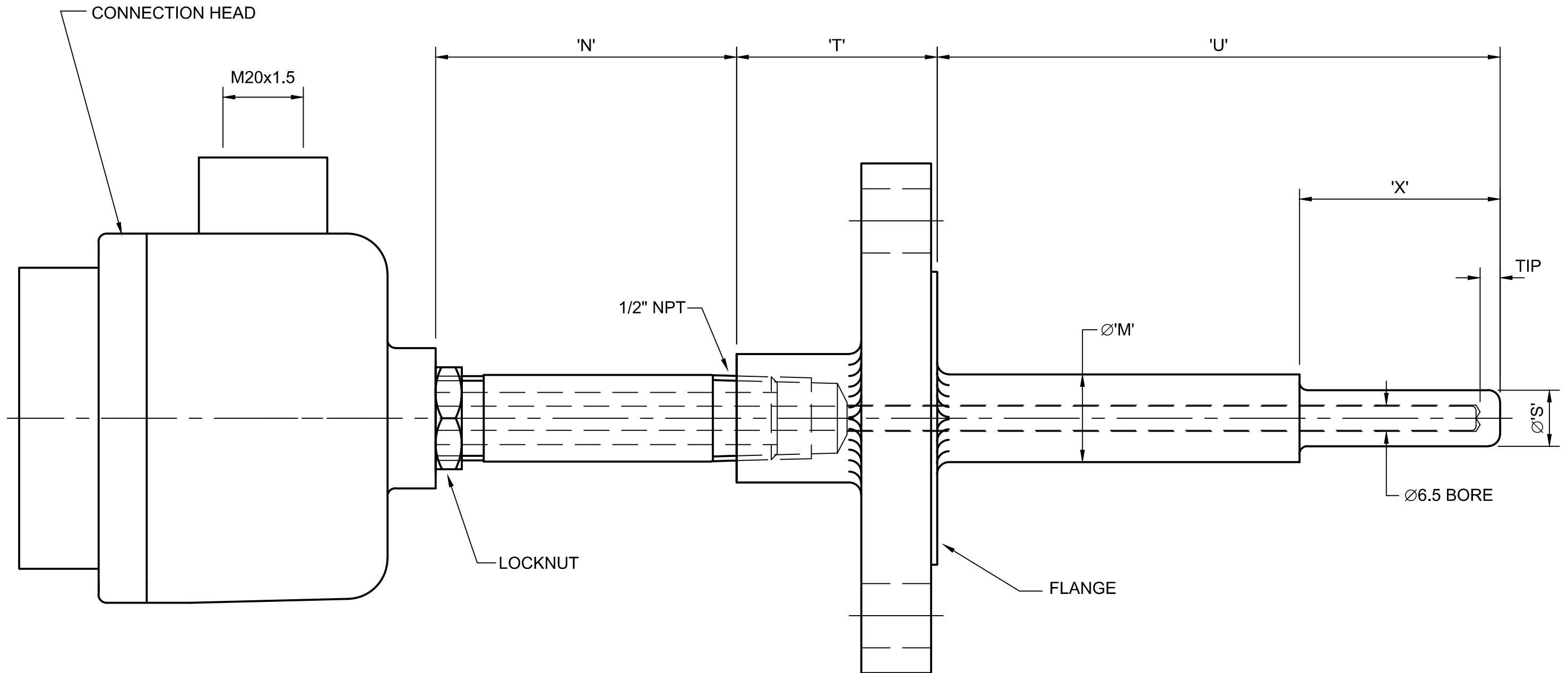




H&B Sensors Ltd

Odyssey House | Durban Road | Bognor Regis | West Sussex | PO22 9RH | UK

t: +44 [0]1243 866866
e: info@hbsensors.com
w: www.hbsensors.com

Description

RTD Sensor With S/D Stepped Flanged Thermowell

Drawing Number

RFA401

RFA401 – RTD Sensor with Solid Drilled Stepped Flanged Thermowell

RFA401

Sensor Configuration	
Simplex	S
Duplex	D
Triplex	T
Sensor Wiring	
2 Wire	2
3 Wire	3
4 Wire	4
Sensor Type	
Pt100	100
Pt1000	1000
Sensor Class	
Class B	B
Class A	A
1/3 DIN	3
1/5 DIN	5
1/10 DIN	10
Approvals	
ATEX/IECEX Exia II 1 GD	IA
ATEX/IECEX Exd II 2 GD	XD
None	X
Connection Head	
Type 11 (Aluminium)	11
Type 16 (Aluminium)	16
Type 44 (316 Stainless Steel)	44
Type 46W (Plastic)	46W
Type 55/A (Aluminium)	55A
Type 55/S (316 Stainless Steel)	55S
Termination	
150mm Tails	TA
Ceramic Terminal Block	TB
HS4100 Temperature Transmitter	41
HS4400 Temperature Transmitter (Exia)	44
HS4600 Temperature Transmitter (Exia, HART)	46
HS5500 Temperature Transmitter & Indicator (HART)	55
HS5600 Temperature Transmitter & Indicator (Exia, HART)	56
Indicator	
HS3300	33
HS3700 (Battery Powered)	37
HS5500 Temperature Transmitter & Indicator (HART)	55
HS5600 Temperature Transmitter & Indicator (Exia, HART)	56
None	X
Extension	
Nipple & Locknut	NL
Nipple Union Nipple	NU
None	X
Extension Length (N)	
50mm	50
75mm	75
100mm	100
150mm	150
Xmm	X
None	X
Flange Size	
1"	1
1 ½"	15
2"	2
2 ½"	25
DN25	D25
DN40	D40
DN50	D50

DN80	D80
Flange Rating	
150lb	150
300lb	300
600lb	600
900lb	900
1500lb	1500
PN16	P16
PN25	P25
PN40	P40
Flange Type	
Raised Face	RF
Flat Face	FF
Ring Type Joint	RJ
Construction	
Seal Welded	1
Full Penetration Welded	2
One Piece Forged	3
Heat Treatment	
NACE MR0175/ISO 15156	HT
None	X
Immersion Length (U)	
Xmm	X
Reduced Length (X)	
Xmm	X
Root Ø (M)	
Xmm	X
Tip Ø (S)	
Xmm	X
Tip Thickness	
5mm	5
Xmm	X
Lagging (T)	
50mm	50
Xmm	X
Material	
304/304L Stainless Steel	304
310 Stainless Steel	310
316/316L Stainless Steel	316
Alloy C276	276
Alloy 400	400
Alloy 600	600
Alloy 601	601
Alloy 625	625
Alloy 800	800
Design Temperature	
Low (-196°C to +100°C)	L
Standard (-50°C to +250°C)	S
High (-50°C to +650°C)	H

Example Ordering Code:

RFA401-S-3-100-A-X-11-41-X-NL-75-2-300-RF-1-X-150-50-26.5-20-5-50-316-S