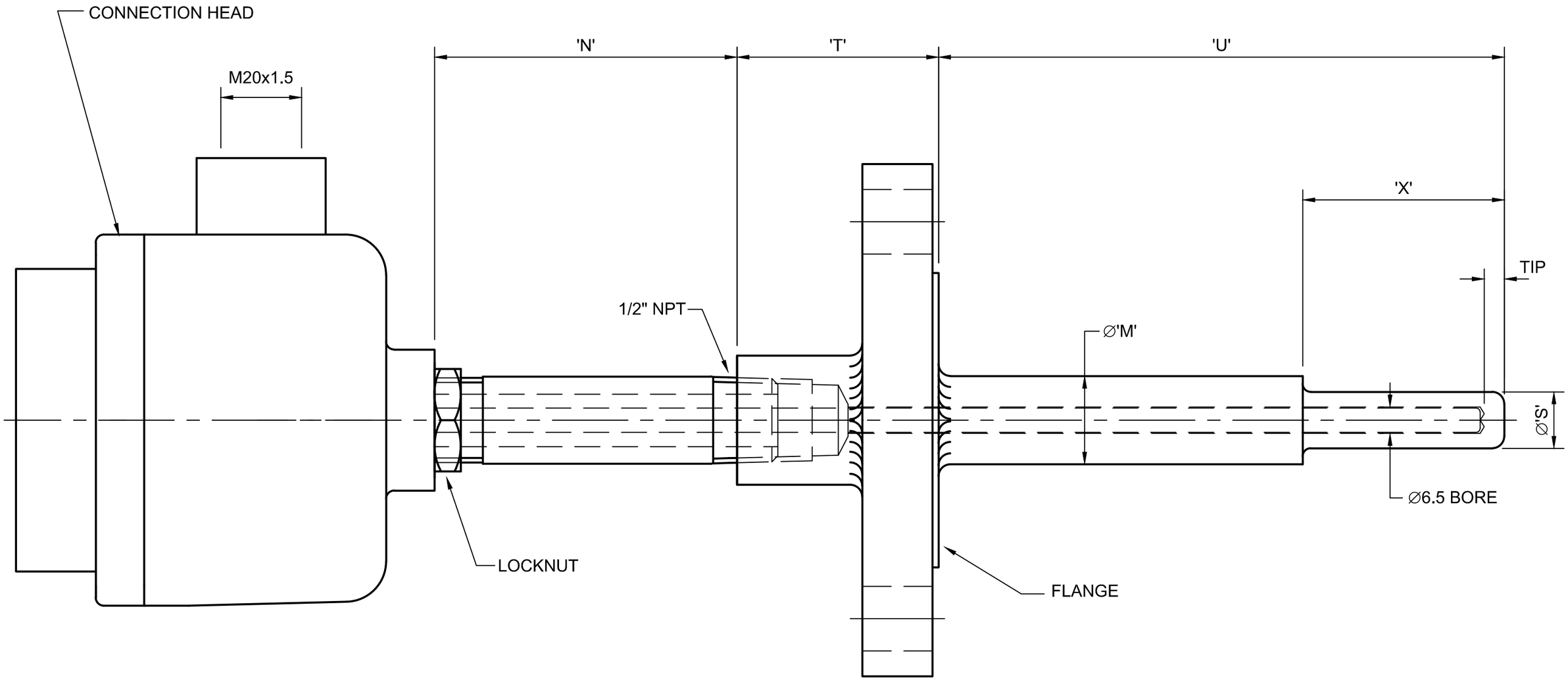

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Description

T/C Sensor With S/D Stepped Flanged Thermowell

Drawing Number

TFA401

H&B SENSORS

TFA401 – Thermocouple Sensor with Stepped Solid Drilled Flanged Thermowell

	TFA401
Sensor Configuration	
Simplex	**S**
Duplex	**D**
Triplex	**T**
Sensor Type	
Type E	**E**
Type J	**J**
Type K	**K**
Type N	**N**
Type T	**T**
Sensor Junction	
Isolated	**I**
Grounded	**G**
Exposed	**E**
Sheath Material	
310 Stainless Steel	**310**
316 Stainless Steel	**316**
Alloy 600	**600**
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**
HBS4200 Temperature Transmitter	**42**
HBS4400 Temperature Transmitter (Exia)	**44**
HBS4600 Temperature Transmitter (Exia, HART)	**46**
HBS5500 Temperature Transmitter & Indicator (HART)	**55**
HBS5600 Temperature Transmitter & Indicator (Exia, HART)	**56**
Indicator	
HBS3300	**33**
HBS3700 (Battery Powered)	**37**
HBS5500 Temperature Transmitter & Indicator (HART)	**55**
HBS5600 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**

Example Ordering Code:

TFA401-S-K-I-316-X-11-42-X-NL-75-2-300-RF-1-X-150-50-26.5-20-5-50-316