



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

T/C Sensor With S/D Flanged Thermowell & Coating

Drawing Number

TFA210

TFA210 – Thermocouple Sensor with Solid Drilled Flanged Thermowell & Coating

TFA210

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 50/0 (Aluminium)	50/0
Type 50/1 (316 Stainless Steel)	50/1
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
Stem 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
Coating	
FEP	F
Tantalum	T

Example Ordering Code:

TFA210-S-K-I-316-X-11-42-X-NL-75-2-300-RF-1-X-150-20-5-50-316-F