

Note: Welds Must Be Crevice Free

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Description

RTD Sensor With Fabricated SMS Hygienic Thermowell

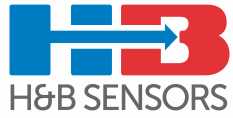
Drawing Number

RHA545

## RHA545 – RTD Sensor with Fabricated SMS Hygienic Thermowell

RHA545

<b>Sensor Configuration</b>	
Simplex	S
Duplex	D
Triplex	T
<b>Sensor Wiring</b>	
2 Wire	2
3 Wire	3
4 Wire	4
<b>Sensor Type</b>	
Pt100	100
Pt1000	1000
<b>Sensor Class</b>	
Class B	B
Class A	A
1/3 DIN	3
1/5 DIN	5
1/10 DIN	10
<b>Approvals</b>	
ATEX/IECEX Exia II 1 GD	IA
ATEX/IECEX Exd II 2 GD	XD
None	X
<b>Connection Head</b>	
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
<b>Termination</b>	
150mm Tails	TA
Ceramic Terminal Block	TB
HBS4100 Temperature Transmitter	41
HBS4400 Temperature Transmitter (Exia)	44
HBS4600 Temperature Transmitter (Exia, HART)	46
HBS5500 Temperature Transmitter & Indicator (HART)	55
HBS5600 Temperature Transmitter & Indicator (Exia, HART)	56
<b>Indicator</b>	
HBS3300	33
HBS3700 (Battery Powered)	37
HBS5500 Temperature Transmitter & Indicator (HART)	55
HBS5600 Temperature Transmitter & Indicator (Exia, HART)	56
None	X
<b>Extension</b>	
Nipple & Locknut	NL
Nipple Union Nipple	NU
None	X
<b>Extension Length (N)</b>	
50mm	50
75mm	75
100mm	100
150mm	150
Xmm	X
None	X
<b>Process Connection</b>	
1"	1
1 ½"	15
2"	2
2 ½"	25
3"	3
4"	4
<b>Immersion Length (U)</b>	



Xmm	<b>X</b>
<b>Stem Ø (S)</b>	
Xmm	<b>X</b>
<b>Lagging (T)</b>	
50mm	<b>50</b>
Xmm	<b>X</b>
<b>Material</b>	
316/316L Stainless Steel	<b>316</b>
<b>Design Temperature</b>	
Low (-196°C to +100°C)	<b>L</b>
Standard (-50°C to +250°C)	<b>S</b>
High (-50°C to +650°C)	<b>H</b>

**Example Ordering Code:**

RHA545-S-3-100-A-X-46W-41-X-NL-75-1-150-12.7-50-316-S