



**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 Spring Loaded Sensor With Connection Head

Drawing Number

TCS340

## TCS340 – Thermocouple Spring Loaded Sensor with Connection Head

TCS340

<b>Sensor Configuration</b>	
Simplex	<b>S</b>
Duplex	<b>D</b>
Triplex	<b>T</b>
<b>Sensor Type</b>	
Type E	<b>E</b>
Type J	<b>J</b>
Type K	<b>K</b>
Type N	<b>N</b>
Type T	<b>T</b>
<b>Sensor Junction</b>	
Isolated	<b>I</b>
Grounded	<b>G</b>
Exposed	<b>E</b>
<b>Sheath Material</b>	
310 Stainless Steel	<b>310</b>
316 Stainless Steel	<b>316</b>
Alloy 600	<b>600</b>
<b>Sheath Diameter Ø</b>	
6mm	<b>6</b>
Xmm	<b>X</b>
<b>Sheath Length (L)</b>	
Xmm	<b>X</b>
<b>Head Thread</b>	
½" BSPP	<b>12BP</b>
<b>Approvals</b>	
ATEX/IECEX Exia II 1 GD	<b>IA</b>
None	<b>X</b>
<b>Connection Head</b>	
Type 11 (Aluminium)	<b>11</b>
Type 16 (Aluminium)	<b>16</b>
Type 44 (316 Stainless Steel)	<b>44</b>
Type 46W (Plastic)	<b>46W</b>
<b>Termination</b>	
150mm Tails	<b>TA</b>
Ceramic Terminal Block	<b>TB</b>
HBS4200 Temperature Transmitter	<b>42</b>
HBS4400 Temperature Transmitter (Exia)	<b>44</b>
HBS4600 Temperature Transmitter (Exia, HART)	<b>46</b>
<b>Indicator</b>	
HBS3300	<b>33</b>
HBS3700 (Battery Powered)	<b>37</b>
None	<b>X</b>

### Example Ordering Code:

TCS340-S-K-I-316-6-150-12BP-X-11-42-X