


**Special Features**

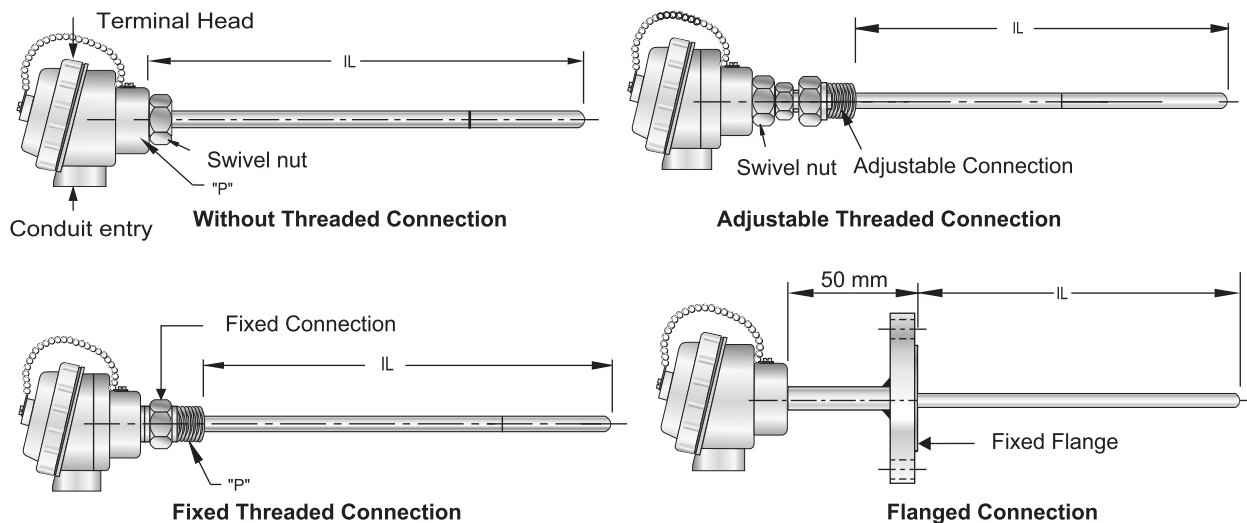
- Spring loaded design for positive contact with thermowell
- Available in various connections & sheath diameters
- Reference Standard : IEC - 751 / DIN 43760

**Application**

- Such assemblies are generally inserted in existing Thermowells / protection tubes
- This assembly can be provided with threaded connection and Thermowell

**Specifications**
**Standard Version**

No of element	: Simplex
Element type	: Pt - 100
Range	: -70 till 500°C
Accuracy	: Class 'B' Tolerance as per IEC - 751 / DIN 43760
Wire Configuration	: 3 Wire System
Sheath Diameter	: 6.0 mm
Sheath Material	: SS 316
Terminal Head Type	: Screwed type, weatherproof, IP-65 in Die Cast Aluminum
No of Conduit Entry	: One
Cable Gland	: 3/4" ET, Nickel plated brass, Single Compression
Head Extension Type	: Without threaded connection
Immersion Length "IL"mm	: 300 mm
Tag Plate	: SS Tag plate

**Dimensional Details**


Notes : • Drawings are not to scale. • All Dimensions are in mm.

How To Order	Example	How To Order	Example
<b>Basic Model</b>	R01	<b>Process Conn. "P", SS 316</b>	
<b>Optional Extras</b>		<b>2BM</b> 1/4" BSP (M)# <b>4MM</b> M20 x 1.5 (M)*	XXX
<b>No of Element</b>		<b>2NM</b> 1/4" NPT (M)# <b>5NM</b> 3/4" NPT (M)	
1 Simplex (Standard)	X	<b>4NM</b> 1/2" NPT (M)* <b>5NF</b> 3/4" NPT (F)	
2 Duplex		<b>4BM</b> 1/2" BSP(M)* <b>5BM</b> 3/4" BSP (M)	
<b>Elements Type</b>		<b>4NF</b> 1/2" NPT (F)* <b>5BF</b> 3/4" BSP (F)	
<b>P1</b> Pt - 100 (Standard)		<b>4BF</b> 1/2" BSP (F)*	
<b>P2</b> Pt - 500	XX	*Suitable sheath dia. 6, 8 & 10 mm	
<b>P3</b> Pt - 1000		#Suitable sheath dia. for below 6 mm only.	
<b>Range</b>		<b>Flange connection - Refer flange table.</b>	
<b>C</b> -70 till 500°C	X	(As per ANSI B 16.5)*	
<b>Accuracy</b>		<b>B09</b> 1/2" 150 # <b>B21</b> 1" 150 # <b>B39</b> 2" 150 #	XXX
<b>A</b> Class 'A' (-70 till 300°C) for any range beyond this, consult factory.	X	<b>B10</b> 1/2" 300 # <b>B22</b> 1" 300 # <b>B40</b> 2" 300 #	
<b>B</b> Class 'B'		<b>B11</b> 1/2" 600 # <b>B23</b> 1" 600 # <b>B41</b> 2" 600 #	
<b>Wire Configuration</b>		<b>B15</b> 3/4" 150 # <b>B33</b> 1 1/2" 150 # <b>B51</b> 3" 150 #	
2 2 Wire system      3 3 Wire system (Standard)	X	<b>B16</b> 3/4" 300 # <b>B34</b> 1 1/2" 300 # <b>B52</b> 3" 300 #	
4 4 Wire system		<b>B17</b> 3/4" 600 # <b>B35</b> 1 1/2" 600 # <b>B53</b> 3" 600 #	
<b>Sheath Diameter</b>		(* Flanged connections applicable with sheath diameter of 12 mm, 16 mm & 1/2"Sch. 40 pipe only)	
<b>03</b> 3.0 mm <b>10</b> 10.0 mm	XX	Please consult for other flanges.	
<small>For 3mm Sheath Dia Duplex can not be offered</small>			
<b>05</b> 4.5 mm <b>12</b> 12.0 mm*			
<b>06</b> 6.0 mm (Standard) <b>16</b> 16.0 mm*			
<b>08</b> 8.0 mm <b>P4</b> 1/2" Sch. 40*		<b>Other Options</b>	
<small>* Up to 10mm OD MI cable and for above it protecting tube will be provided.</small>		<b>13</b> Head mounted Temperature transmitter(4-20 mA)	XX
<b>Sheath Material</b>		<b>14</b> SS Base plate suitable for temperature transmitter	
1 SS 316 (Standard)      2 SS 316L		<b>21</b> Plug for conduit entry in carbon steel	
<b>Terminal Head Type</b>		<b>22</b> Plug for conduit entry in SS 304	
<b>F</b> Screwed type, Flameproof, IP-67, Gr. IIA IIB in Die Cast Aluminum		<b>23</b> Plug for conduit entry in SS 316	
<b>E</b> Screwed type, Explosion proof, IP-67, Gr. IIC in Die Cast Aluminum		<b>32</b> S. C. cable gland in Nickel plated Brass - WP	
<b>H</b> Hinged type, Weatherproof, IP-67 in Die Cast Aluminum	X	<b>33</b> D. C. cable gland in Nickel plated Brass - WP	
<b>B</b> Weatherproof Head, IP-67 in Die-cast Aluminum		<b>34</b> S. C. cable gland in SS 304 - WP	
<b>A</b> Screwed type, weatherproof, IP-65 in Die Cast Aluminium		<b>35</b> D. C. cable gland in SS 304 - WP	
<b>C</b> Screwed Type, Weatherproof, IP-68 in Die Cast Aluminum		<b>36</b> S. C. cable gland in SS 316 - WP	
3 Terminal head in SS 304 - WP, IP-67		<b>37</b> D. C. cable gland in SS 316 - WP	
4 Terminal head in SS 316 - WP, IP-67		<b>39</b> D. C. cable gland in Nickel plated Brass - FLP	
<small>* For other option contact factory</small>		<b>41</b> D. C. cable gland in SS 304 - FLP	
<b>No of Conduit Entry / Entries</b>		<b>43</b> D. C. cable gland in SS 316 - FLP	
1 One entry (Standard)      2 Double entry	X	<b>44</b> Plug for conduit entry in AL	
<b>Cable Gland</b>		<b>45</b> D. C. cable gland in Nickel plated Brass-Ex proof	
<b>A</b> 3/4" ET (F) <b>B</b> 1/2" NPT(F)	X	<b>46</b> D. C. cable gland in SS304--Ex proof	
<small>* For other option please specify</small>		<b>47</b> D. C. cable gland in SS316--Ex proof	
<b>Head Extension Type</b>		<b>48</b> FLP / Ex proof plug in SS 304	
<b>FF</b> Fixed Flange Connection		<b>49</b> FLP / Ex proof plug in SS 316	
<b>AF</b> Adjustable Flange Connection	XX	<b>50</b> FLP / Ex proof plug in Nickel plated Brass	
<b>AC</b> Adjustable connection		<b>FC</b> Fixed Threaded Connection	
<b>FC</b> Fixed connection		<b>AC</b> Adjustable Threaded Connection	
<b>XX</b> Without threaded connection (Standard)		<b>PW</b> Calibration Certificate	
<b>Immersion Length</b>		<b>SX</b> SS Tag Plate	
IL - Specify in mm.	300 mm	<b>Note :</b>	
		1. When selecting option "PW", please also specify temp. Points at which calibration is to be carried out .	
		2. Explanations of Abbreviations used:	
		SC = Single Compression    SS = Stainless Steel	
		DC = Double Compression    FLP = Flameproof	
		WP = Weatherproof          EX = Explosion proof	
		<b>Ordering Example :</b>	
		<b>R01 . X . XX . X . X . X . XX . X . X . X . XX . 300mm . XXX . XXX . XX</b>	
		<b>Note :</b> Specifications and dimensions given in this product catalogue represents the state of engineering at the time of printing . Modifications may take place and materials specified may be replaced by others without prior notice.	