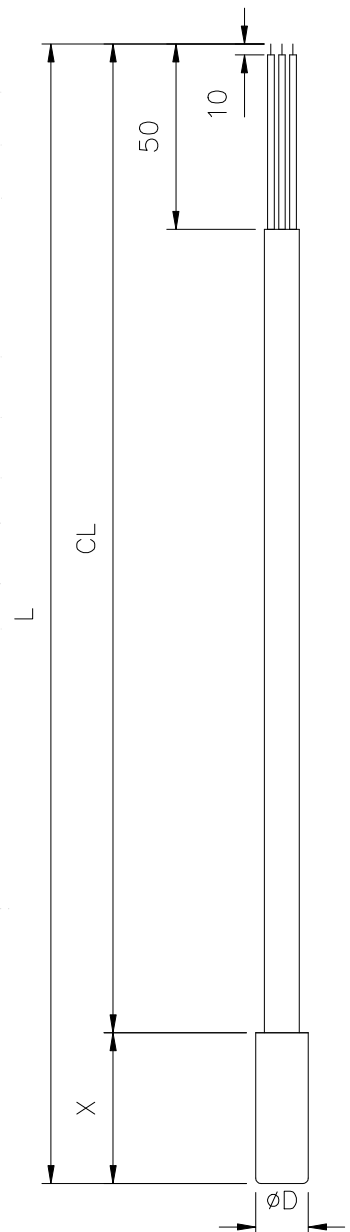




## Cable Resistance Thermometer with Metal Pocket

Type Designation	<b>CRM</b>
Measuring Range	<b>-100 to + 500 ° C</b>
Common Sensor	<b>Types 1 Pt 100 B</b>
Common Sensor Size	<b>2 x 2.2mm, Thin film</b>
Temperature Coefficient	<b>0.3850 Ω / ° C</b>
Wiring	<b>3 wire, marked red/red/white</b>
Common Pocket Diameters	<b>Ø 2.0mm to Ø 12.7mm,</b>
Common Insulation	<b>PVC, Silicon Rubber, PTFE, Glass fibre</b>
Common Stranding	<b>7x0.2</b>
Common Sheaths	<b>316SS, Brass, Aluminium</b>
Tail detail	<b>50mm tails, 10mm Tinned</b>
Application Notes	<ul style="list-style-type: none"> <li>■ <b>A very common sensor type</b></li> <li>■ <b>Fast sensor response possible</b></li> <li>■ <b>The enclosure has many possibilities</b></li> <li>■ <b>Highly engineered pockets are possible</b></li> <li>■ <b>Ideal for high volume manufacture and fixing in to original equipment</b></li> <li>■ <b>Very small sizes available</b></li> <li>■ <b>A wide variety of encapsulants for pocket filling</b></li> </ul>
Special Options	<ul style="list-style-type: none"> <li>■ <b>Threaded pocket</b></li> <li>■ <b>Machined high tolerance metal enclosure</b></li> <li>■ <b>Cable spring relief available</b></li> <li>■ <b>Partial heat transfer paste filling</b></li> <li>■ <b>Duplex</b></li> <li>■ <b>Higher accuracy sensors</b> A, 1/3, 1/5, 1/10 DIN</li> <li>■ <b>Other stranding options</b></li> <li>■ <b>Pt 50, Pt 500, Pt 1000 and Pt 2000,</b> Cu or Ni Element</li> <li>■ <b>2 or 4 wires</b></li> <li>■ <b>RT can be replaced with a thermistor</b></li> </ul>



Visit the Peak Sensors Online design guide at [www.peakensors.com](http://www.peakensors.com)

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