

# REMOTE READING THERMOMETERS M60 SERIES

New gas filled electromechanical temperature controller

**Application:** Generally used for temperature control and monitoring in chemical equipment and medical apparatus, in climatic cabinets, high-pressure cleaners, washing machines, heating and cooling plants, industrial ovens compressors etc

**Case:** Plastic (ABS Thermoplast), black,  
Ambient temperature max. +70°C

**Dial:** White background, black figures

**Protection:** IP 53 front

**Bulb:** Brass 8mm Ø

**Capillary:** Copper Ø 1mm, with copper braiding standard length 1.5m

**Accuracy:** ± 1,5% of span

**Indication:** Linear, deflection approx. 260°

**Mounting:** Retaining bracket at the rear  
Panel cut-out Ø 62 +0.5mm  
-0.0mm

**Measuring System:** Non-toxic organic liquid expansion

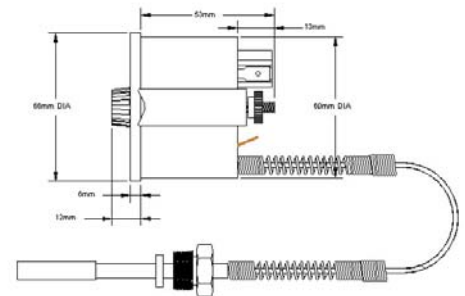
**Microswitch:** Change over contact 5 A, 250V~

**Setpoint Adjustment:** By rotation of knob at the front, limited by internal stops at beginning and end of scale.  
Protected against damage, by a slipping clutch

**Switching differential:** Approx. 2% of span

**Switching Accuracy:** ±0,5% of span on rising temperature

**Standard Ranges:** -30 to 50°C, 0 to 120°C, 0 to 160°C, 0 to 250°C,  
+50 to 350°C, others upon request



Ex-stock unit M60  
Range 0—160 °C  
Part No. TCWECM60

*Email for additional information and pricing.*

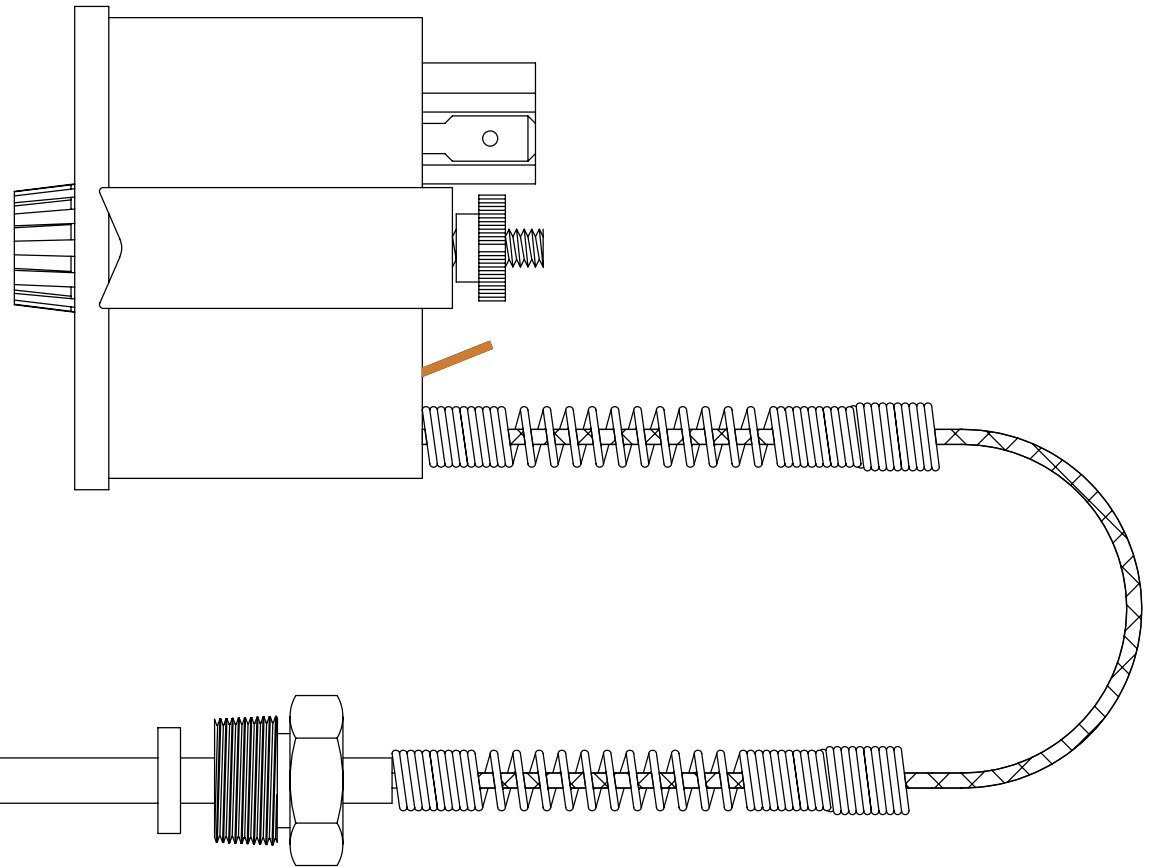
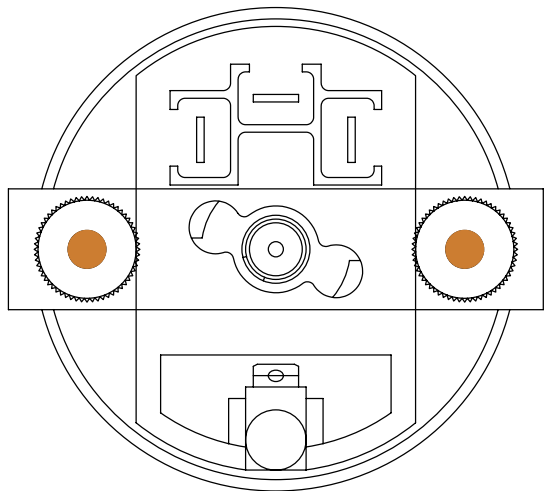
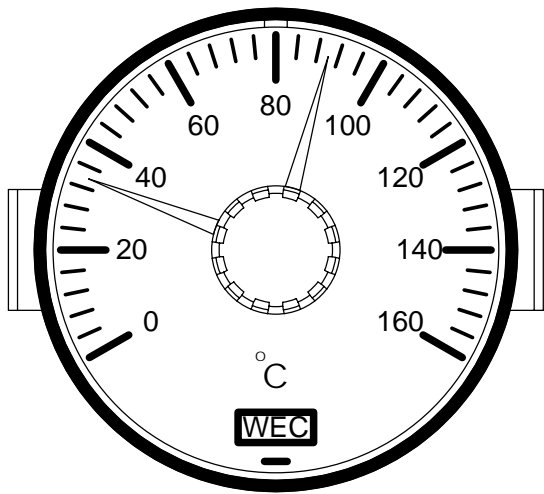
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Due to ongoing product development, specification and price may change without notice. Prices do not include GST



WEC MODEL 60

**TEMPERATURE CONTROLS PTY LTD** Certificate No: QEC 14412  
AS/NZS 9001:2000

**CONDITIONS**

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TITLE

SIZE : A4	DATE : 24/03/05	DWG NO : SD 477
SCALE : NTS	DRAWING BY H.A	REV : 00

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ACN: 075 298 592 ABN: 76 075 298 592

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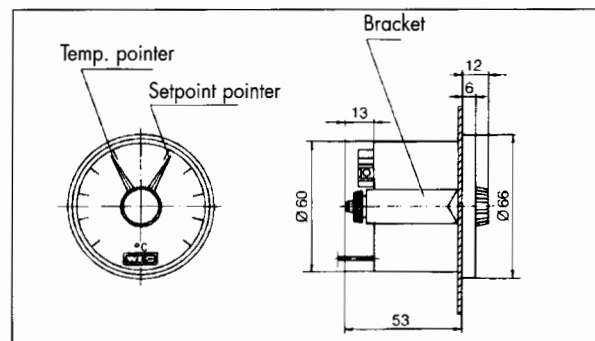
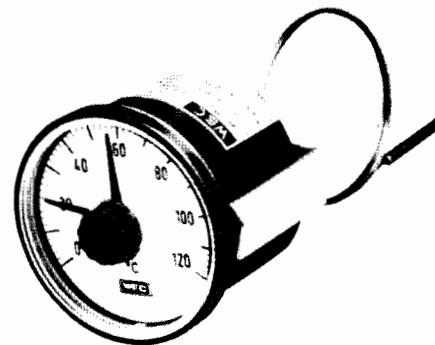
INTERNET: [www.temperature.com.au](http://www.temperature.com.au) EMAIL: [sales@temperature.com.au](mailto:sales@temperature.com.au)



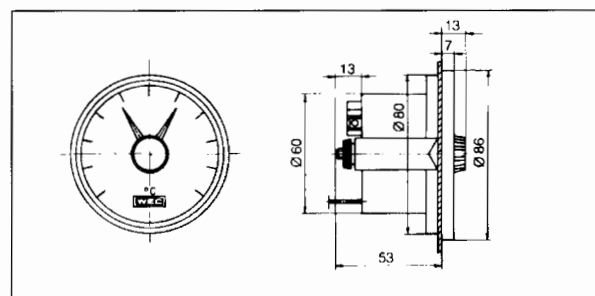
Quality  
Endorsed  
Company  
ISO9001:2000  
Lic 14412

New electromechanical temperature controller according to DIN 3440.

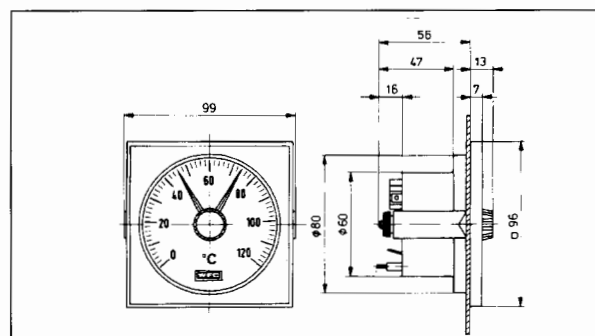
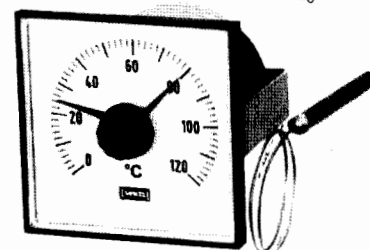
Application	Generally used for control and monitoring in chemical equipment and medical apparatus, in climatic cabinets, high-pressure cleaners, washing machines, heating and cooling plants, industrial ovens, etc.
Functional description	Changes in temperature are converted without gearing by a measuring tube into the rotation of the pointer spindle, which operates the microswitch through a mechanical device.
Case	Plastic (ABS Thermoplast), black. Ambient temperature max. +70°C.
Dial	White background, black figures.
Protection	IP 53 front.
Bulb	Brass $\varnothing$ 8 mm.
Connection types	See overleaf.
Capillary	Copper $\varnothing$ 1 mm, with copper braiding or PVC $\varnothing$ 3÷4 mm; standard length de 1m; 1,5 m; 2 m, 3 m, 4m.
Accuracy	$\pm 1,5\%$ of span.
Indication	Linear, deflection approx. $260^\circ$
Mounting	By retaining bracket at the rear.
Measuring system	Non-toxic organic liquid expansion.
Microswitch	Changeover contact 5 (1,5) A, 250V~, $\cos \varphi = 1$
Setpoint Adjustment	By rotation of knob at the front, limited by internal stops at beginning and end of scale. Protected against damage, by a slipping clutch.
Switching differential	Approx. 2% of span.
Switching accuracy	$\pm 0,5\%$ of span on rising temperature.
Standard ranges	- 30 + 50°C 0 + 120°C 0 + 160°C 0 + 250°C + 50 + 350°C Others upon request.
Optional equipment	Bezel chromium plated. Terminals protected by cap against access, splashproof. IP 54. Bulb protecting pockets (thermowell)
Models T60, T80 and T96	Temperature indicator only, without electrical elements.



M-60  
Panel cut-out  $\varnothing 62+0,5$   
-0



M-80  
Panel cut-out  $\varnothing 82+0,5$   
-0



M-96  
Panel cut-out  $\varnothing 82+0,5$   
-0

## REMOTE READING THERMOMETERS Serie Microtermo M 60, M 80 and M 96

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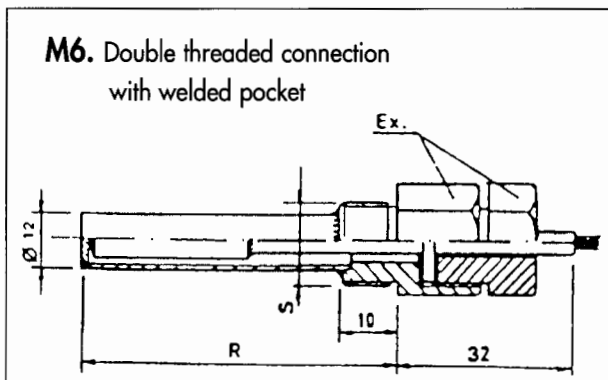
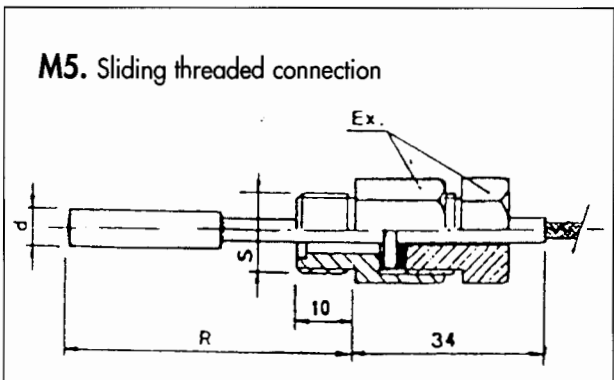
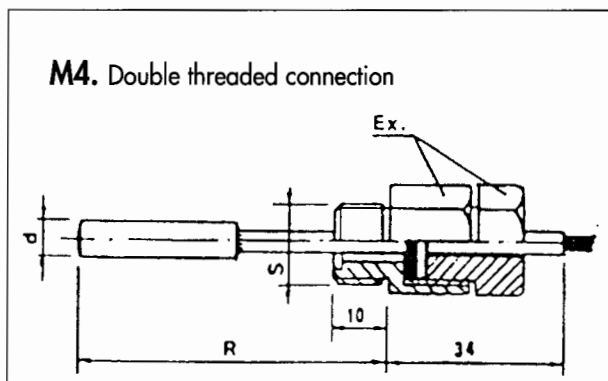
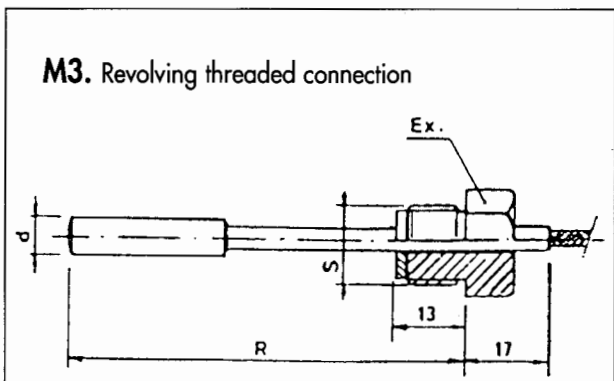
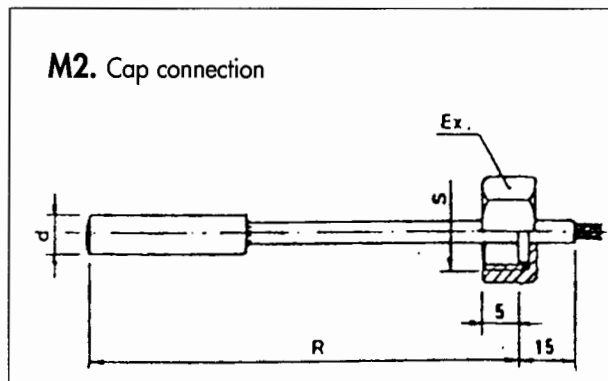
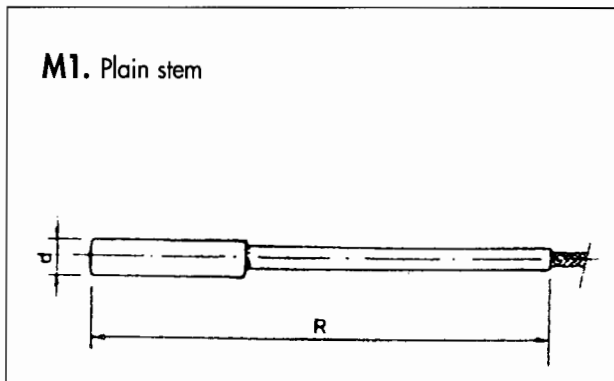


Quality  
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## BULBS AND CONNECTION TYPES



Ø bulb d in mm	Standard temperature ranges (°C)					Ø Pockets D in mm
	-30+50	0+120	0+160	0+250	+50+350	
Minimum R length (mm)						
8	60	45	38	34	30	12

Connection material: Brass  
Standard thread S: 3/8"G, Ex. 20

Other types and sizes upon request.

**REMOTE READING THERMOMETERS**  
**Serie Microtermo M 60, M 80 and M 96**