


Controllers of series 92/93 (903/93) may be equipped with up to 4 (8) analog inputs per unit in addition to the measuring inputs available as standard. They may be used to display additional measuring values or as reference value for installed additional contacts.

Series 92/93 only:

The display is continuously switched over to additional inputs by actuating the  key. In addition, the bottom display shows the brief designation of the attendant measuring input. The display automatically switches back to the standard operating condition 30 seconds after the last key was pressed. Furthermore, input 2 may be configured as a second display in addition to the controller actual value.

For series 903/93 only:

Factory adjusted, the values of input 1 to 8 are shown with plain text indication.

For temperature sensor inputs, °C or °F may be selected as display unit, for standard signal inputs, a scaling between -999 and +4000 (series 92/93) respectively -999 and +9999 (series 903/93) may be infinitely set.

Measuring input:	List-No.:	Measuring/display range
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Series 92/93 only:

Resistance thermometer:

Pt100 DIN	99ax	0...400 °C
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Thermal elements:

NiCrNi (Typ K)	99axn	0...1200 °C
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FeCuNi (Typ J)	99axf	0...900 °C
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PtRhPt (Typ S)	99axp	0..1700 °C
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Standard signal:

0(4)...20 mA or 0(2)...10 VDC alternatively connectable incl. voltage supply	99axe	adjustable
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Rheostatic teletransmitter:

0...100 to 0...1000 Ω	99axr	adjustable
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For series 903/93 only:

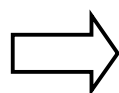
Resistance thermometer / Standard signal:

Pt100 DIN (PT1000 DIN) switchable 0(4)...20 mA or 0(2)...10 VDC alternatively connectable incl. voltage supply	99axq(c)	-200...800 °C / adjustable
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Thermal elements / Standard signal:

Thermal element switchable 0(4)...20 mA or 0(2)...10 VDC alternatively connectable incl. voltage supply	99axqt	NiCrNi (Typ K) 0...1200 °C / FeCuNi (Typ J) 0...900 °C / PtRhPt (Typ S) 0..1700 °C / adjustable
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Additional terminals:



Series 92/93: see sheet 9200 wiring diagram, analogue inputs ai1 to ai4
Series 903/93: see sheet 903 wiring diagram, analogue inputs ai1 to ai8
Terminal numbers according to number of existing, or required analogue inputs