



RAIL MOUNTING TRANSMITTER

Mp88810-R

2-wire rail mounting transmitter

Mp88810-R

- Microprocessor based
- RTD (Pt100 3-wire) input
- Fully linearized
- RFI / EMI protected
- High accuracy (Typical 0.2%)
- 5 Year warranty



Specifications

Input RTD	Pt100 3-wire
Minimum Span	25°C
Output	4...20 mA or 20...4 mA
Linearization	On / Off
Supply	5...40 VDC, Polarity Protected
Supply Effect	0.001%/V
Zero Drift	± 0.01%/°C or ±0.02°C/°C
Span Drift	± 0.01%/°C or ±0.02°C/°C
Long Term Drift	± 0.05%/Year
Excitation Current, RTD	0.1 mA
Sensor Lead Resistance, RTD	500 Ohm max.
Sensor Lead Resistance Effect	0.005°C/Ohm
Open Circuit Detection	Upscale / Downscale
Load Capability	Vbat-5V / 20 mA
Startup Time	5 sec.
Warmup Time	2 Min.
Ambient Operating Temp.	-40...+ 85°C
Ingress Protection	IP30
Storage Temperature	-40...+100°C
Housing Material	Makrolon
Housing Dimension	22.5 x 75 x 99 mm (0.89" x 2.92" x 3.9")

Order information and options

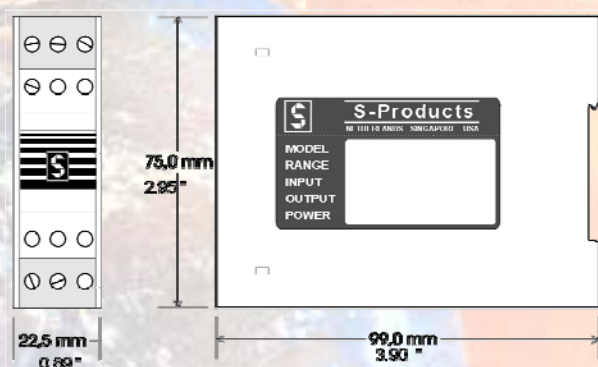
Example:

Model Mp88810-R -IF

Options:

-IF = Interface and software

Dimensions



Sensor ranges

Sensor type	Temp. Min. °C	Temp. Max. °C	Span Min. °C
Pt100 IEC751	-200	850	25



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