



RAIL MOUNTING TRANSMITTER

Mp88820-T

2-wire rail mounting transmitter

Mp88820-T

- Microprocessor based
- Most common thermocouple inputs
- Fully linearized
- RFI / EMI protected
- High accuracy (Typical 0.2%)
- 5 Year warranty



Specifications

Input thermocouple	K, J, T, E, N
Minimum Span	50°C (90°F)
Output	4...20 mA or 20...4 mA
Linearization	On / Off
Cold Junction Compensation	On / Off
Supply	5...40 VDC, Polarity Protected
Sensor Lead Resistance, T/C	10K Ohm max.
Open Circuit Detection	Upscale / Downscale
Load Capability	Vbat-5V / 20 mA
Startup Time	10 sec.
Warmup Time	2 Min.
Ambient Operating Temp.	-40...+ 85°C (-40...+ 185°F)
Ingress Protection	IP30
Storage Temperature	-40...+100°C (-40...+ 212°F)
Housing Material	Makrolon
Housing Dimensions	22.5 x 75 x 99 mm (0.89" x 2.92" x 3.9")

Order information and options

Example:

Model Mp88820-T -IF

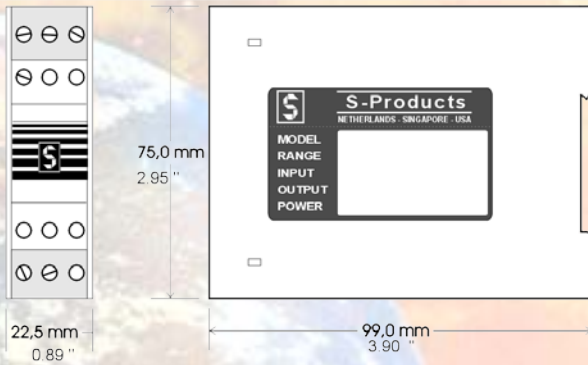
Options:

-IF = Interface and software



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Dimensions



Sensor ranges

Sensor type	Temp. Min.		Temp. Max.		Span Min.	
K (NiCr-Ni)	-270°C	-454°F	1370°C	2498°F	50°C	90°F
J (Fe-CuNi)	-200°C	-328°F	1200°C	2192°F	50°C	90°F
T (Cu-CuNi)	-270°C	-454°F	400°C	752°F	50°C	90°F
E (NiCr-CuNi)	-270°C	-454°F	1000°C	1832°F	50°C	90°F
N (NiCrSi-NiSiMg)	-270°C	-454°F	1300°C	2372°F	50°C	90°F



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