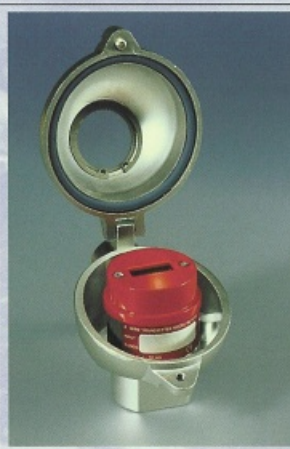




TRANSMITTERS

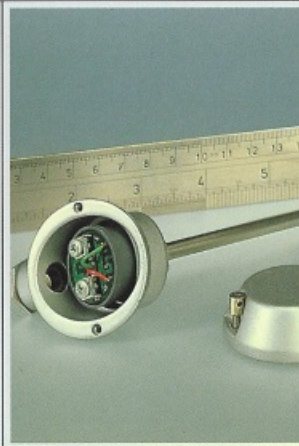
μP-BASED TEMPERATURE TRANSMITTERS



TYPE:		Mp 82700/Mp 88700 Head/Rail Mount	Mp 82800/Mp 88800 Head/Rail Mount	Mp 82800R/Mp 88800R Head/Rail Mount	Mp 82850R Programmable without computer
Input:	RTD	Pt100, Pt500, Pt1000, Ni100, Ni500, Ni1000 Cu10, Cu100	Pt100	Pt100	Pt100
	T/C	K, J, T, E, L, U, S, R, B, C, D, N	K, J, T, E		
	mV	0 to 1000 mV			
	Ohms	0 to 10 kΩ			
Min.Span:	RTD	25°C (45°F)	25°C (45°F)	25°C (45°F)	25°C (45°F)
	T/C	50°C (90°F)	50°C (90°F)		
Output:		4-20 or 20-4 mA	4-20 or 20-4 mA	4-20 or 20-4 mA	4-20 or 20-4 mA
Linearization:		Selectable On/Off	Selectable On/Off	Selectable On/Off	yes
Cold Junction:		Selectable On/Off	Selectable On/Off		
Supply Voltage:		10-40 VDC	10-40 VDC	10-40 VDC	12-36 VDC
Isolation:		500 VDC	no	no	no
Display		Optional Plug-In	Optional Plug-In	Optional Plug-In	Optional Plug-In
Amb. Temp.		-40 to 85°C -40 to 185°F	-40 to 85°C -40 to 185°F	-40 to 85°C -40 to 185°F	-40 to 85°C -40 to 185°F
Lead Res.:	RTD	500 Ω	500 Ω	500 Ω	500 Ω
	T/C	10 kΩ	10 kΩ		
Sensor Burnout		Up/Down	Up/Down	Up/Down	Up/Down
Optional Ex		Ex ia IIC T6	Ex ia IIC T6	EX ia IIC T6	no

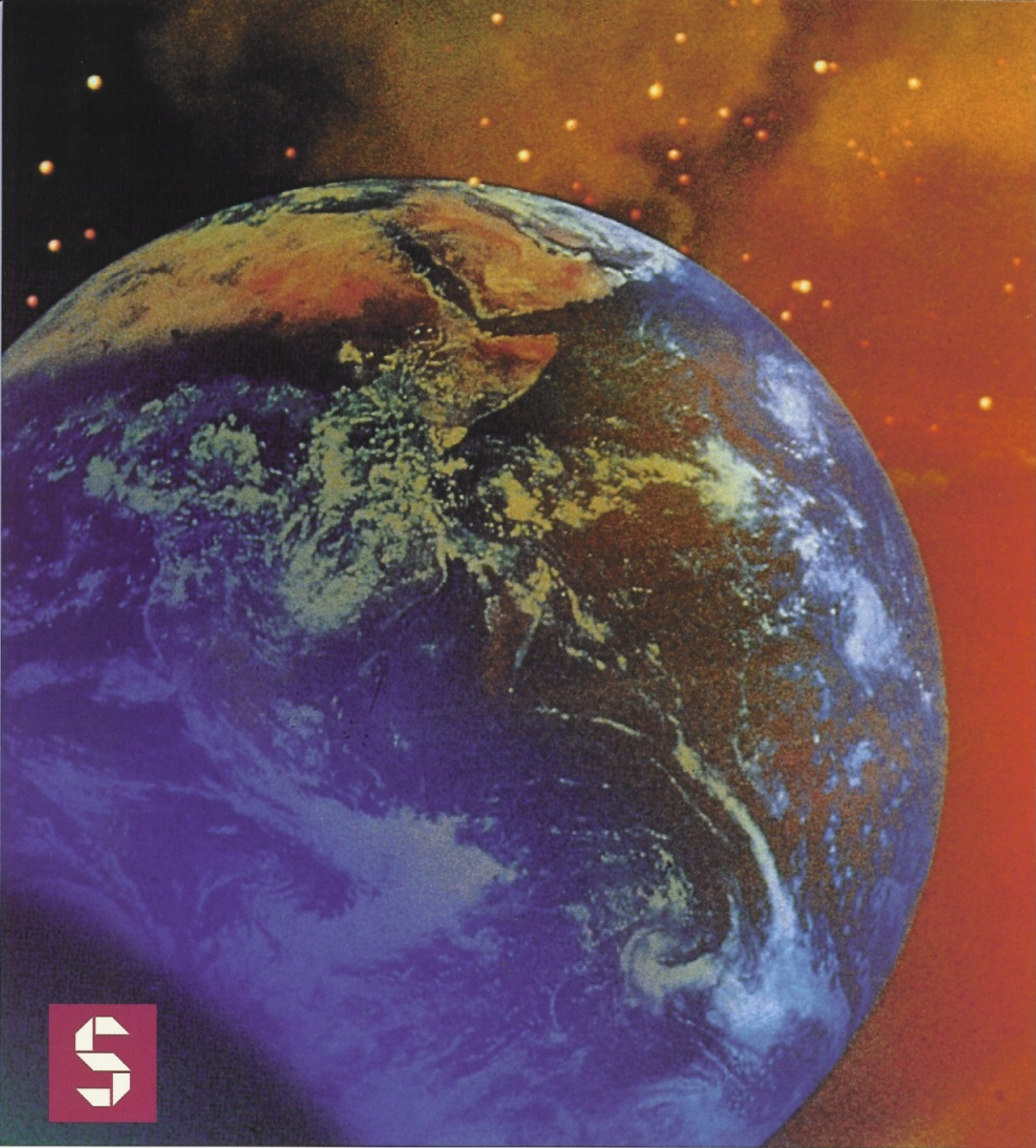
Also refer to <http://www.s-products.com> for other products

ANALOG TEMPERATURE TRANSMITTERS



Mp 82700 HART® Head/Rail Mount	Mp 87800 Rail Mount	25000 mini Head Mount	ALM-43-R Head Mount	ALM-42/48 Head/Rail Mount
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Pt100, Pt500, Pt1000, Ni100, Ni500, Ni1000 Cu10, Cu100 K, J, T, E, L, U, S, R, B, C, D, N 0 to 1000 mV 0 to 10 kΩ 25°C (45°F) 50°C (90°F) 4-20 or 20-4 mA Selectable On/Off Selectable On/Off 10-40 VDC 500 VDC Optional Plug-In -40 to 85°C -40 to 185°F 500 Ω 10 kΩ Up/Down Consult factory	Pt100 K, J, T, E 25°C (45°F) 50°C (90°F) 4-20 and 20-4 mA 0-1 and 0-10V Selectable On/Off Selectable On/Off 115/230vac/12+24vdc no Optional -10 to 70°C -4 to 160°F 500 Ω 10 kΩ Up/Down no	Pt100 Pt1000 50°C (90°F) 4-20 mA yes no no -20 to 70°C -4 to 160°F no	Pt100 25°C (45°F) 4-20 mA yes 14-40 VDC no no -20 to 70°C -4 to 160°F 500 Ω Upscale no	Pt100 K, J, T 10 to 160 mV 50°C (90°F) 150°C (270°F) 4-20 mA Pt100 only yes 14-40 VDC no no -20 to 70°C -4 to 160°F 500 Ω 10 kΩ Upscale no
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