

DESCRIPTION --- These models have body diameters of 0.75 inches. Their mounting configurations are made to fit the common dimensions used for potentiometers, servos, and angle feedback sensors such that the user can install them with little or no modifications to the system.

Power supply voltages are designed around the common voltages used in vehicles and industrial equipment. They fit into nominal 12V, 24 or 28 V, and 5 volt systems.

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Models ---  
75TJ-Voltage-  
[Response Code]

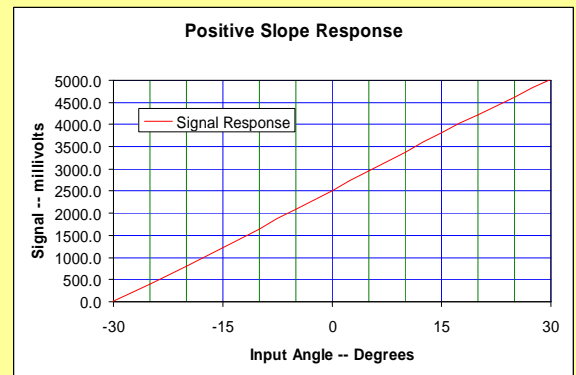
Models ---  
75SB-Voltage-  
[Response Code]

Models ---  
75FB-Voltage-  
[Response Code]

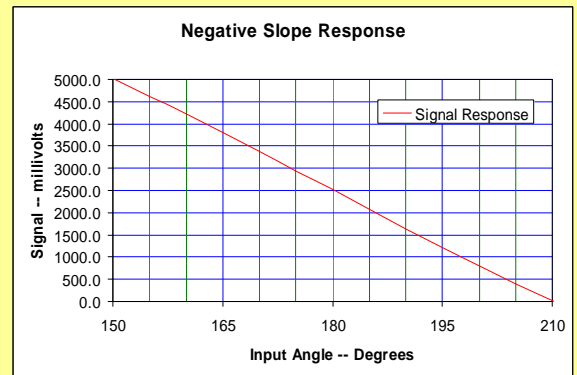
SPECIFICATIONS ---- -[ResC] = [Response Code]

MODEL	Voltage	
75TJ-24-[ResC] 75SB-24-[ResC] 75FB-24-[ResC]	+12 to + 35 Vdc at 8 to 10 ma.	Signal response is not affected by the power supply voltage. The [ResC] is followed regardless of the power supply.
75TJ-12-[ResC] 75SB-12-[ResC] 75FB-12-[ResC]	+7 to +16 Vdc at 8 to 10 ma.	
75TJ-5-[ResC] 75SB-5-[ResC] 75FB-5-[ResC]	+4.5 to + 5.5 Vdc, Nominal is +5,000 mv	This version tracks the power supply in a linear fashion. Both Ebo and Vp follow the power supply similarly to a resistive potentiometer.

This plot shows the parameters for the [Response Code] of [30-5K] with rotation in the CCW direction around zero degrees.



This plot shows the parameters for the [Response Code] of [30-5K] with rotation in the CCW direction around 180 degrees. The hallpot® body is rotated 180 degrees in the system to get this response.



[Response Code]	<b>Es = Ebo +/- maximum V</b>
[30-10K]	Es = 5000 +/- 5000 mv over +/- 30 degrees.
[30-5K]	Es = 2500 +/- 2500 mv over +/- 30 degrees as shown in graphs >>>>>>>>>>
[30-4.8K]	Es = 2500 +/- 2400 mv over +/- 30 degrees.
[User Specified Range]	The user will specify all the parameters wanted for Ebo, Vp, and any mechanical variations wanted. A "User ID" will be put into the [ ] and kept on file for future orders.

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