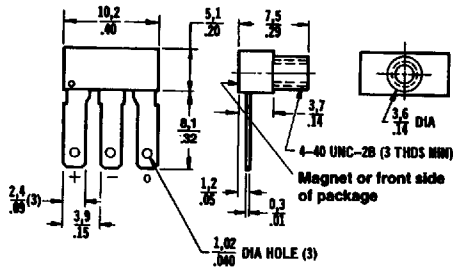


T-65-05

Digital position sensors 5SS



MOUNTING DIMENSIONS (For reference only)



FEATURES

- 4.5-5.5 VDC or 6-24 VDC supply voltages
- Current sinking or current sourcing output
- Three pin solder terminals for easy wiring as remote sensor
- Internally threaded flux concentrator channels more of available flux density from magnet into sensor. Also used as mounting means.*

* Recommended torque not to exceed 20 inch-ounce (0.4N).

5SS ORDER GUIDE

Catalog Listings	5SS16	55SS16	512SS16	513SS16	517SS16	518SS16	
Supply Voltage (VDC)	4.5 to 5.5	4.5 to 5.5	6 to 24	6 to 24	6 to 24	4.5 to 24	
Supply Current (mA max.)	4.0	4.0	13.0	13.0	13.0	8.7	
Output Type	Source	Sink	Source	Sink	Sink	Sink	
Output Voltage (V)	(Vs-1.5)	0.4	(VS-1.5)	0.4	0.4	0.4	
Current per Output (mA)	20	8	20	20	20	10	
Magnetics Type	Unipolar	Unipolar	Unipolar	Unipolar	Bipolar*	Bipolar*	
Magnetic Gauss Char. & Temp.							
0 to 70°C	Max. Op.	500	500	320	320	115	55
	Min. Rel.	30	30	105	105	-115	-55
	Min. Dif.	25	25	25	25	25	25
-40 to 100°C	Max. Op.	—	—	330	330	125	70
	Min. Rel.	—	—	85	85	-125	-70
	Min. Dif.	—	—	25	25	25	25
-40 to 150°C	Max. Op.	—	—	340	340	140	110
	Min. Rel.	—	—	30	30	-140	-110
	Min. Dif.	—	—	25	25	25	25
25°C Typ.	Typ. Op.	245	245	230	230	35	25
	Typ. Rel.	150	150	170	170	-35	-25
	Typ. Dif.	95	95	60	60	70	45

* Not necessarily latching.