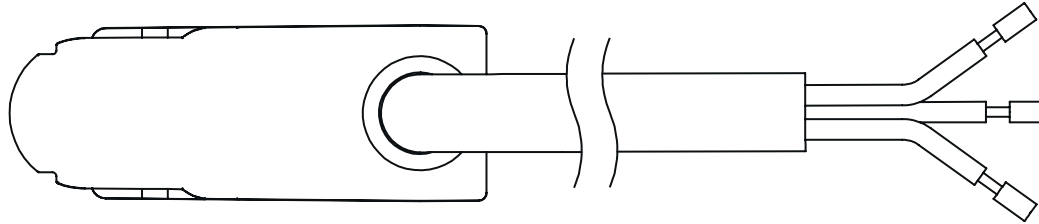




R³D[®] Gen4 3V Modules

Remote Ready Modules for Magnetel[®] 4", 8", Jr. and Sr. Dials



Junior, Senior Dials		
Supply VDC	3.70	5.00
5%	0.19	0.25
10%	0.37	0.50
20%	0.74	1.00
30%	1.11	1.50
40%	1.48	2.00
50%	1.85	2.50
60%	2.22	3.00
70%	2.59	3.50
80%	2.96	4.00
90%	3.33	4.50
95%	3.52	4.75

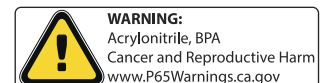
Magnetel Dials		
Supply VDC	3.70	5.00
3%	0.11	0.15
5%	0.19	0.25
10%	0.37	0.50
20%	0.74	1.00
30%	1.11	1.50
40%	1.48	2.00
50%	1.85	2.50
60%	2.22	3.00
70%	2.59	3.50
80%	2.96	4.00
90%	3.33	4.50
95%	3.52	4.75
97%	3.59	4.85



Notes for Module :

- The Device is intended for supply voltage of 2.4 to 5.5 VDC. Operating temperature -40°C to 80°C (-40°F to 176°F).
- The typical current draw is 2.5mA@5.5V, no load.
- The output is ratiometric, percent of supply voltage, 1:1 Ratio
- Maximum rated load is ± 1 mA.
- Like many amplifiers, the output amplifier of the sender will become unstable when driving capacitive loads. While these senders are usually stable while driving up to 470 pF capacitance, the addition of stray inductance and/or the addition of resistance in the input power line can greatly reduce margins and cause instability with much smaller capacitive loads. Careful design is required to minimize these factors. If they cannot be eliminated, testing must be done to ensure that the system operates correctly under all conditions.
- For wire attachment see DS-1014 and apply label 0115-01092 when installing wire.
- For wire attachment see DS-1349 & DS-1387 and apply label 0115-01096 when installing wire.
- For installation instructions see 0115-01193 (Taylor 8"), 0115-01194 (Rochester 8") or 0115-01199 (Rochester 4").
- For Magnetel[®] 4" & 8" dials control drawing, see WD-580.
- For Junior & Senior dials control drawing, see WD-581.

* To ensure indicator registers empty, set empty indication to at least 0.5 volts.



03/08/2019