









TCI Altitude Encoder Models Side-By-Side Comparison

Model	SSD120-(XX)C	SSD120-(XX)C-RS232	SSD120-(XX)N	SSD120-(XX)N-RS232	SSD120-(XX)N-RS232 (High Alt.)	SSD120-(XX)N-RS	SSD120-(XX)M	SSD120-(XX)NEH-RS
Altitude Ceiling (ft.)	30,000 35,000	30,000 35,000	30,000 35,000 42,000	30,000 35,000 42,000	50,000 62,000 65,000 80,000 85,000 100,000	30,000 35,000 42,000	35,000 50,000	30,000 35,000 50,000 62,000 65,000 80,000 85,000 100,000
ICAO Grey Code Output	Y	Y	Y	Y	Y	Y	Y	Y
RS232 Output	N	Y	N	Y	Y	Y	Y	Y
RS485 Output	N	N	N	N	N	Y	N	Y
Operating Voltage@Current	28Vdc@270mA 12Vdc@220mA	28Vdc@270mA 12Vdc@220mA	28Vdc@270mA 12Vdc@220mA	28Vdc@270mA 12Vdc@220mA	28Vdc@60mA 12Vdc@55mA	28Vdc@270mA 12Vdc@220mA	28Vdc@100mA 12Vdc@95mA	28Vdc@60mA 12Vdc@55mA
Low Operating Temp.	-20°C	-20°C	-20°C (E) -55°C	-20°C (E) -55°C	-20°C (E) -55°C	-20°C (E) -55°C	-30°C	-55°C
High Operating Temp.	+70°C	+70°C	+70°C	+70°C	+70°C	+70°C	+70°C	+70°C
Wet Environment	N	N	N	N	N	N	N	Y
Weight	4.3oz.	4.3oz.	5.9oz.	5.9oz.	6.8oz.	5.9oz.	3.8oz.	11oz.
Electrical Connector	D-Subminiature 15 Pin	D-Subminiature 15Pin	D-Subminiature 15 Pin	D-Subminiature 15 & 9 Pin	D-Subminiature 15 & 9 Pin	D-Subminiature 15 Pin Plug & 15 Pin Recpt.	MS3114-H16C-26PN (Jam Nut)	DTL-38999 Series III 21NE26PN
Static Line Connection	1/8-27NPT	1/8-27NPT	Dual 1/8-27NPT	Dual 1/8-27NPT	Dual 1/8-27NPT or 1/8 Tube Swivel Fitting	Dual 1/8-27NPT	Open Vent	Dual 1/8-27NPT or 1/8 Tube Swivel Fitting
								

All altitude encoders are FAA TSO-C88a and ETSO-C88a approved.