



TECHNICAL INFO

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GEOTRONICS AB
Technical Support Dept.
Danderyd, SWEDEN
TI/9420A

INFOLISTING GDM SYSTEMS 400/500/4000/600

Error types:

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- 0: Jumps to monitor for repetition of state
 - 1: No return Infinite loop
 - 2: Return to calling program after one second delay
 - 3: Return to calling program after 5 beeps
 - 4: Return to calling program
 - 5: Return to calling program after 5 beeps and keypressed
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de	Typ	Description
1	3	Plum out of range
2	3	Wrong face
		Aim mode
3		Distance already recorded
4	3	Measure invalid
5	3	Undefined mode switch or table
6	3	Angle <15° from hor plane
7	3	UDS contains distance labels
8	3	Batt low, registration not possible
9	3	Batt low, in external unit.
10	3	No active device.
11	3	Vertical difference < 5
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19		Error occured during transmission
20.i	3	Illegal label number
21.i	3	RS232 general error
22.i		No or wrong device connected
23.i	3	Timeout
24.i		Illegal state to execute command. (load/output)
25	3	Real time clock error
26	3	Backup battery to old
27	3	Option not installed
28.i	3	No data in buffer
29	3	Table activated, can't be altered
30.i		Syntax error
31	3	Out of range, try to step outside a file.
32	3	Not found (files or programs)
33		File / Record exists
34	3	Error in file / record separator / file creation
35.i	3	Data error

Err	Typ	Text
36	3	Memory full
37.i	3	Protocol error
38		Format error (GDT126/GDT400)
39		Overrun error
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41	3	Wrong type
42	3	U.D.S. Program memory full
43		Square root of neg. value
44	3	Not enough data for calculation
45.i	3	Incompatible device
46		GDM power error, radio can't switch on gdm
47	1	UDS Call stack error
48	3	Stn.database changed.
49		RPU not logged on to GDM
50	4	Memory lost to 542-02
	4	Wrong config no from 542-04
51	4	Memory lost 542-03
51	3	Checksum error
51		Error turn-off
52	1	Coarse code error
53	4	A/D overrange
54		Memory lost 582-04, 588-01
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Err	Typ	Text
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Radio		
100		Ok, after executed radio command.
101	3	Connect, connection established.
102		Ring, another radio is calling.
103	3	No carrier, noise or no contact.
104	3	Error, command syntax error or command not executed.
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107	3	Channel Busy or timeout sending.
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111		EEPROM error
112		EEPROM ok
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115		Georadio ver x.x, after radio reset
116		No Access, S register. or locked command.
120		Radio error NAK
121		Radio error CAN
122		Radio not connected.
123		Timeout after radio command
124		Timeout Ack/Nak
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137		Radio protocol error
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149		Radio power error
Servo		
150		OK, Servo command executed.
151	3	Overload horizontal motor.

Err	Typ	Text
152	3	Overload vertical motor.
153	3	End position switch.
154	3	Servo - Tracker communication failed.
155	3	Horizontal accuracy not reached.
156	3	Vertical accuracy not reached.
157	3	Hor & Vert accuracy not reached.
158	3	Target not found.
159	3	Ready to start new sub command.
160	3	Not valid position angle.
161	3	Target lost.
162		Syntaxerror. (Translated to 30 by panel)
163		Data error or data missing. (Translated to 35 by panel)
164		Unable to initialize. '.1'-.4' is the knob number.
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166	3	Unable to measure distance, no signal from prism.
167	3	Tracker collimation error > 5 c.
168	3	Tracker collimation error < 100m.
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Dist		
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171	3	Subtraction or addition error.
172	3	Divide error.
173	3	Multiply error.
174	3	Signal lost close loop.
175	3	Gang error. Distance > 32 Km.
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190		User Break (of PVX process)
191		General failure of command to alidad
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197	1	Not possible to allocate OR deallocate resource
198	1	Interrupts are enabled in monitor program
199.i	1	DO CASE-index to large in PLM
200	1	Case index in state tbl to large
201	1	Divide by zero
202		See error 218
203	1	Text not found
204	1	To many labels
205	1	Illegal vector

Err	Typ	Text
206	1	To many devices
207	1	Process queue 0 overflow
207.1	1	Process queue 1 overflow
210	1	Illegal interrupt
211	1	Monitor stack overflow
212	1	CPU stack overflow
213	1	Text string has no end mark
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215	3	Wrong Src_type
216	3	Wrong Dst_type
217	3	RS-buffer overflow
218.i	3	Input string overflow
219	3	Wrong parameter
Pas		
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223	3	Wrong horizontal raw data from angle detector.
224	3	Wrong vertical raw data from angle detector.
225	3	Wrong pendulum reference.
226	3	Divide error.
227	3	Process code overflow.
228	3	Wrong horizontal coarse code.
229	3	Wrong vertical coarse code.
230	3	Wrong offset
231	3	Algebra error
232	3	Automatic adjustment horizontal not possible.
233	3	Start of pendulum not possible.
234	3	Automatic adjustment vertical not possible.
?221		Timeout Servo
?222		Timeout Tracker
?224		Wrong channel
?225		Timeout Distance-meter (Coax)
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255.i		Fatal error