

Table of contents

- SoE error codes

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For acyclic SoE mailbox communication, the following standardized SoE error codes can result. These are mapped on the error codes of the control (→ ECM error code).

Sercos error code	Description	ECM error code
n/a	Ecat SoE: Protocol not supported	0x0C850035
n/a	Ecat SoE: Invalid access to element 0	0x0C850078
0x1001	Ecat SoE: Does not exist	0x0C850079
0x1009	Ecat SoE: Invalid access to element 1	0x0C85007A
0x2001	Ecat SoE: No name	0x0C85007B
0x2002	Ecat SoE: Name transmission too short	0x0C85007C
0x2003	Ecat SoE: Name transmission too long	0x0C85007D
0x2004	Ecat SoE: Name cannot be changed (read only)	0x0C85007E
0x2005	Ecat SoE: Name is write-protected at this time	0x0C85007F
0x3002	Ecat SoE: Attribute transmission too short	0x0C850080
0x3003	Ecat SoE: Attribute transmission too long	0x0C850081
0x3004	Ecat SoE: Attribute cannot be changed (read only)	0x0C850082
0x3005	Ecat SoE: Attribute is write-protected at this time	0x0C850083
0x4001	Ecat SoE: No unit	0x0C850084

Sercos error code	Description	ECM error code
0x4002	Ecat SoE: Unit transmission too short	0x0C850085
0x4003	Ecat SoE: Unit transmission too long	0x0C850086
0x4004	Ecat SoE: Unit cannot be changed (read only)	0x0C850087
0x4005	Ecat SoE: Unit currently write-protected	0x0C850088
0x5001	Ecat SoE: No minimum input value	0x0C850089
0x5002	Ecat SoE: Min. input value transmission too short	0x0C85008A
0x5003	Ecat SoE: Min. input value transmission too long	0x0C85008B
0x5004	Ecat SoE: Min. input value cannot be changed (read only)	0x0C85008C
0x5005	Ecat SoE: Min. input value is write-protected at this time	0x0C85008D
0x6002	Ecat SoE: Max. input value transmission too short	0x0C85008F
0x6003	Ecat SoE: Max. input value transmission too long	0x0C850090
0x6004	Ecat SoE: Max. input value cannot be changed (read only)	0x0C850091
0x6005	Ecat SoE: Max. input value is write-protected at this time	0x0C850092
0x7001	Ecat SoE: No operation data	0x0C850093
0x7002	Ecat SoE: Operation data transmission too short	0x0C850094
0x7003	Ecat SoE: Operation data transmission too long	0x0C850095
0x7004	Ecat SoE: Operation data cannot be changed (read only)	0x0C850096

Sercos error code	Description	ECM error code
0x7005	Ecat SoE: Operation data is write-protected at this time	0x0C850097
0x7006	Ecat SoE: Operation data is smaller than the min value	0x0C850098
0x7007	Ecat SoE: Operation data is greater than the max value	0x0C850099
0x7008	Ecat SoE: Invalid operation data	0x0C85009A
0x7009	Ecat SoE: Operation data write-protected by a password	0x0C85009B
0x700A	Ecat SoE: Operation data is write-protected (cycl. conf)	0x0C85009C
0x700B	Ecat SoE: Invalid indirect addr., (data container, list)	0x0C85009D
0x700C	Ecat SoE: Operation data is write-protected (other)	0x0C85009E
0x7010	Ecat SoE: Procedure command already active	0x0C85009F
0x7011	Ecat SoE: Procedure command not interruptible	0x0C850100
0x7012	Ecat SoE: Procedure command at this time not executable	0x0C850101
0x7013	Ecat SoE: Procedure command not executable	0x0C850102
n/a	Ecat SoE: Response drive number mismatch	0x0C850103
n/a	Ecat SoE: Response IDN mismatch	0x0C850104
n/a	Ecat SoE: At least one fragment lost	0x0C850105
n/a	Ecat SoE: RX buffer full	0x0C850106
n/a	Ecat SoE: No data state	0x0C850107

Sercos error code	Description	ECM error code
n/a	Ecat SoE: No default value	0x0C850108
n/a	Ecat SoE: Default value transmission too long	0x0C850109
n/a	Ecat SoE: Default value cannot be changed	0x0C85010A
n/a	Ecat SoE: Invalid drive number	0x0C85010B
n/a	Ecat SoE: General error	0x0C85010C
n/a	Ecat SoE: No element addressed	0x0C85010D