|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 变量名 | 变量符号 | 类型 | 类型解释 | 初始值 | 变量注释 |
| 本通道油门杆（PLA）传感器信号故障 | PLA.SelfFlt | bool | 1:故障，  0：无故障 | 0 | 本通道传感器故障=本通道BIT故障||本通道极值故障||本通道斜率故障 |
| 发动机状态字 | ES | int | 0：初始状态，  1：地面待机状态  2：冷启动状态  3：地面起动中止状态  4：紧急停车状态  5：地面待机状态 | 0 |  |
| STARTABORT\_Mode | ES\_STARTABORT | int | 地面起动中止状态 | 0 |  |
| URGENSTOP\_Mode | ES\_URGENSTOP | int | 紧急停车模式 | 4 |  |
| NORMAL\_Mode | ES\_NORMAL | int | 正常停车模式 | 6 |  |
| STAND\_Mode | ES\_STAND | int | 地面待机模式 | 5 |  |
| START\_Mode | ES\_START | int | 初始模式 | 1 |  |
| SLOW\_Mode | ES\_SLOW | int | 慢车模式 | 2 |  |
| BEYONDSLOW\_Mode | ES\_BEYONDSLOW | int | 慢车以上模式 | 3 |  |
| WAIT\_Mode | ES\_WAIT | int | 地面待机模式 | 7 |  |
| OIL\_Mode | ES\_OIL | int | 油封模式 | 8 |  |
| GROUNDSTART\_Mode | ES\_GROUNDSTART | int | 地面启动模式 | 9 |  |
| T25极值失效标志 | T25.ExtreInv | bool | 1:极值失效  0：无极值失效 | 0 |  |
| 斜率诊断阈值 | T25.Slopelimit | float | 1.0 | 1.0 |  |
| 高压压气机转子转速初始值 | N2.InitVal | float | 100.0 | 100.0 |  |
| 本通道主控状态 | ChanSts | bool | 1:主控状态  0：备份状态 | 1 |  |
| PLA信号BIT故障确认时间 | PLA.BITSetTime | bool | 1ms | 1 |  |
| 燃油控制开关 | FUELCTRL | bool | ON:打开  OFF：关闭 | 0 |  |
| 燃油流量控制期望值 | WfDem | float | 500.0 kg/h | 30 |  |
| 禁止起动策略字 | FPM\_FobidStartStrtgy | bool | 1:禁止起动  0：不禁止起动 | 0 |  |
| 轮载信号有效值 | WheelLoadSignal | bool | 1:有效  0：无效 | 1 |  |
| 双通道N2信号故障 | N2.SignalFlt | bool | 1:故障  0:无故障 | 0 |  |
| 检测时间 | AbstartTimerThsld | float | int | 0.1 |  |
| 转速 | N2p | int |  | 0.3 |  |
| 常量 | FAULT | bool |  | 1 |  |
| 常量 | NOFAULT | bool |  | 0 |  |
| 转速阈值 | N2\_5p | int |  | 300 |  |
| 紧急停车时间 | EmergencyStopTimerThsld | int |  | 0.2 |  |
| 发动机关断活门位置开关 | SWI15 | bool | 0断开  1连接 | 1 |  |
| 高压关断活门位置告警字 | SWI15.flt | bool | 0:无故障  1:故障 | 0 |  |
| 高压关断活门位置告警字可清除标志 | SWI15.canClear | bool | 0:不可清除  1：可清除 | 0 |  |
|  | N2.SensorFlt | bool | 系数 | 1 |  |
|  | Nac.VoteData | float | 系数 | 6.6 |  |
|  | Nac.SensorFlt | bool | 系数 | 0 |  |
|  | NacVsN2 | int | 系数 | 2 |  |
|  | N2\_1 | int | 系数 | 10 |  |
|  | Nac\_1 | int | 系数 | 6 |  |
|  | N2.ValidData | float | 系数 | 0.0 |  |
|  | Nac.SignalFlt | int | 系数 | 0 |  |
|  | ModelLimit | int | 系数 | 2 |  |
|  | N2Design | float | 系数 | 8.4 |  |
|  | ADRef.Flt | int | 系数 | 0 |  |
|  | Outpot\_10 | int |  | 3 |  |
|  | totalperiod | int |  |  |  |
|  | P3b.SensorFlt | Int |  |  |  |
|  | Fault | bool |  |  |  |
|  | Ps3.SensorFlt | int |  |  |  |
|  | NoFault | int |  |  |  |
|  | Ps3.VoteData | int |  |  |  |
|  | P3b.ValidData | int |  |  |  |
|  | P3b.SignalData | int |  |  |  |
|  | P3b.SignalFlt | int |  |  |  |
|  | A | int |  |  |  |
|  | XX.SelfFlt | int |  |  |  |
|  | XX.DiagData | int |  |  |  |
|  | XX.VoteData | int |  |  |  |
|  | XX.SensorFlt | int |  |  |  |
|  | XX.OTFlt | int |  |  |  |
|  | CCDLFlt | int |  |  |  |
|  | XX.PtnrFlt | int |  |  |  |
|  | XX.PtnrDiagData | int |  |  |  |
|  | XX.FirstFlag | int |  |  |  |
|  | XX.PreVoteData | int |  |  |  |
|  | XX.InitVal | int |  |  |  |
|  | XX.PreDiagData | int |  |  |  |
|  | XX.WarpLimit | int |  |  |  |
|  | XX.WarpLorH | int |  |  |  |
|  | ID\_AI\_V\_T25 | int |  |  |  |
|  | T25.PtnrDiagData | int |  |  |  |
|  | T25.PtnrFlt | int |  |  |  |
|  | T25.DemarCurve | int |  |  |  |
|  | T25.BITSetTime | int |  |  |  |
|  | T25.BITClrTime | int |  |  |  |
|  | T25.ExtreSetTime | int |  |  |  |
|  | T25.ExtrClrTime | int |  |  |  |
|  | T25.SlopeSetTime | int |  |  |  |
|  | T25.FirstBITTime | int |  |  |  |
|  | T25.FirstSlopeTime | int |  |  |  |
|  | T25.FirstExtreTime | int |  |  |  |
|  | T25.BITMin | int |  |  |  |
|  | T25.BITMax | int |  |  |  |
|  | T25.ExtreMin | int |  |  |  |
|  | T25.ExtreMax | int |  |  |  |
|  | T25.SlopeLimit | int |  |  |  |
|  | T25.WarpLimit | int |  |  |  |
|  | T25.InitVal | int |  |  |  |
|  | T25.InerFilterCo | int |  |  |  |
|  | T25.T1 | int |  |  |  |
|  | T25.T2 | int |  |  |  |
|  | T25.StepLimit | int |  |  |  |
|  | T25.SqlData | int |  |  |  |
|  | T25.MeanData | int |  |  |  |
|  | T25.DiagData | int |  |  |  |
|  | T25.VoteData | int |  |  |  |
|  | T25.FiltData | int |  |  |  |
|  | T25.LeadData | int |  |  |  |
|  | T25.ValidData | int |  |  |  |
|  | T25.BITInv | int |  |  |  |
|  | T25.BITFlt | int |  |  |  |
|  | T25.SlopeInv | int |  |  |  |
|  | T25.SlopeFlt | int |  |  |  |
|  | T25.SelfFlt | int |  |  |  |
|  | T25.SensorFlt | int |  |  |  |
|  | T25.SignalFlt | int |  |  |  |
|  | T25.OTFlt | int |  |  |  |
|  | N2r25 | int |  |  |  |
|  | flt | int |  |  |  |
|  | T25.ExtreFlt | int |  |  |  |
|  | T25.FirstFlag | int |  |  |  |
|  | T25.LastLeadData | int |  |  |  |
|  | ES\_NORMALSTOP | int |  |  |  |
|  | false | bool |  | 0 |  |
|  | Y | bool |  | 2 |  |
|  | B | bool |  | 1 |  |
|  | C | bool |  | 1 |  |
|  | D | bool |  | 1 |  |
|  | N2r25p | int |  | 1 |  |
|  | LfmvDem | float |  | 0 |  |
|  | true | bool |  | 1 |  |
|  | Ax | float |  | 0 |  |
|  | Ay | float |  | 0 |  |
|  | Az | float |  | 0 |  |
|  | Wx | float |  | 0 |  |
|  | Wy | float |  | 0 |  |
|  | Wz | float |  | 0 |  |
|  | pi | float |  | 3.1415926 |  |