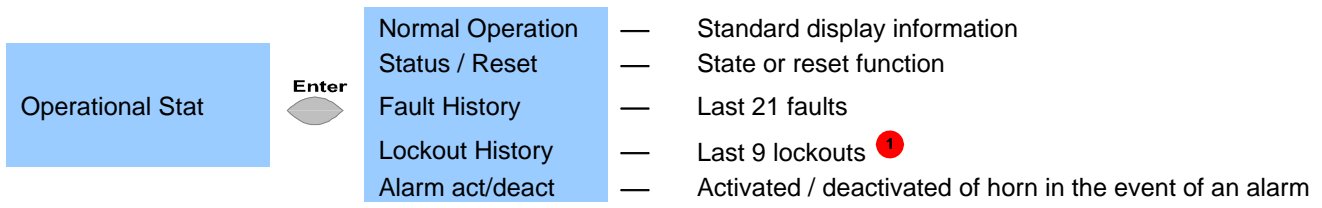
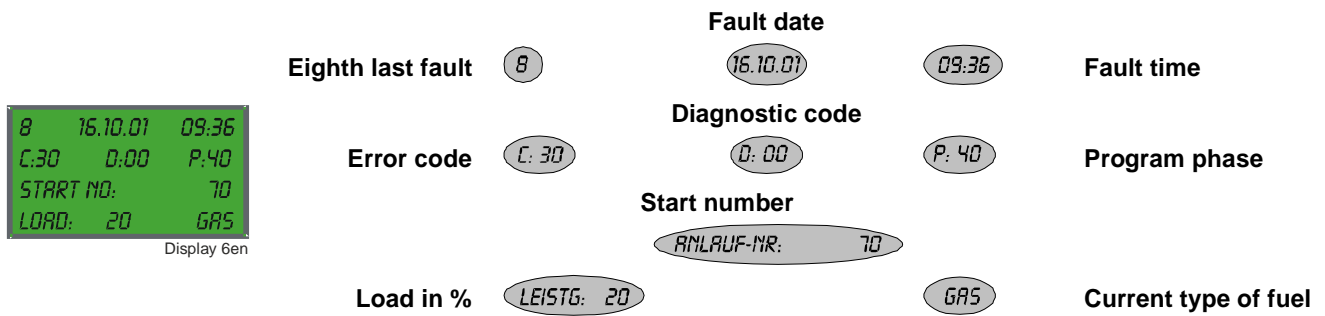


Menu



1 Example: Error history



For fixing the display press

< SELECT > Selection of error history

Menu level 1	Menu level 2	Menu level 3	Menu level 4	Menu level 5	Menu level 6
OperationalStat					
	NormalOperation				
	Status/Reset				
	FaultHistory				
	LockoutHistory				
	Alarm act/deact				

Menu level 1	Menu level 2	Menu level 3	Menu level 4	Menu level 5	Menu level 6
Operation					
	BoilerSetpoint				
		SetpointW1			
		SetpointW2			
	User Maxload				
		User MaxLoadMod			
		User MaxLoadStg			
	Fuel				
		CurrentFuel			
		FuelSelect			
	Date/TimeOfDay				
		DisplayClock			
			Date		
			TimeOfDay		
			Weekday		
		SetClock			
			Date		
			TimeOfDay		
			Weekday		
	HoursRun				
		GasFiring			
		OilStage1/Mod			
		OilStage2			
		OilStage3			
		TotalHoursReset			
		TotalHours			
		SystemOnPower			
	StartCounter				
		GasStartCount			
		OilStartCount			
		TotalStartCountR			
		TotalStartCount			
	Fuel Meter				
		Curr Flow Rate			
		Volume Gas			
		Volume Oil			
		Volume Gas R			
		Volume Oil R			
		Reset Date Gas			
		Reset Date Oil			
	LockoutCounter				
	O2 Module				
		FlueGasTemp			
	BurnerID				
	OptgModeSelect				
		InterfacePC			
		GatewayBASon			
		GatewayBASoff			
		Gateway status			
		Type of Gateway			

Menu level 1	Menu level 2	Menu level 3	Menu level 4	Menu level 5	Menu level 6
ManualOperation					
	SetLoad				
	Autom/Manual/Off				

Menu level 1	Menu level 2	Menu level 3	Menu level 4	Menu level 5	Menu level 6		
Params & Display	BurnerControl	Configuration	ConfigFlameDet	FlameSignal	FlameSig QRI_B		
					FlameSig ION		
			ProductID	ASN			
				ProductionDate			
		SerialNumber					
		ParamSet Code					
				ParamSet Vers			
			SW Version				
	RatioControl	Autom/Manual/Off					
		LoadController	ControllerParam	ContrlParamList	StandardParam		
	P-Part (Xp)						
	I-Part (Tn)						
	D-Part (Tv)						
			MinActuatorStep				
			SW_FilterTmeCon				
			SetpointW1				
			SetpointW2				
			SD_ModOn				
			SD_ModOff				
			SD_Stage1On				
			SD_Stage1Off				
			SD_Stage2Off				
			SD_Stage3Off				
			ThreshStage2On				
			ThreshStage3On				
			ColdStart				
			Temp. ColdStart				
			Configuration				
		LC_OptgMode					
		Adaption					
		StartAdaption					
		AdaptionLoad					
		SW Version					
AZL	Times	Sum/WinterTime					
		Time EU/US					
		Language					
	DateFormat						
	PhysicalUnits						
	eBUS	Address					
		SendCycleBU					
	Modbus	Address					
		Address					

Menu level 1	Menu level 2	Menu level 3	Menu level 4	Menu level 5	Menu level 6
			Baudrate		
			Parity		
			Timeout		
			Lokal / Remote		
			Remote Mode		
			W3		
		Display Contrast			
		ProductID			
			ASN		
			ProductionDate		
			SerialNumber		
			ParamSet Code		
			ParamSet Vers		
		SW Version			
	Actuators				
		ProductID			
			1 AirActuator		
				ASN	
				ProductionDate	
				SerialNumber	
				ParamSet Code	
				ParamSet Vers	
			2 GasActuat(Oil)		
				ASN	
				ProductionDate	
				SerialNumber	
				ParamSet Code	
				ParamSet Vers	
			3 OilActuator		
				ASN	
				ProductionDate	
				SerialNumber	
				ParamSet Code	
				ParamSet Vers	
			4 AuxActuator		
				ASN	
				ProductionDate	
				SerialNumber	
				ParamSet Code	
				ParamSet Vers	
			6 AuxActuator3		
				ASN	
				ProductionDate	
				SerialNumber	
				ParamSet Code	
				ParamSet Vers	
		SW Version			
			1 AirActuator		
			2 GasActuat(Oil)		
			3 OilActuator		
			4 AuxActuator		
			6 AuxActuator3		
	VSD Module				
		Configuration			
			Speed		

Menu level 1	Menu level 2	Menu level 3	Menu level 4	Menu level 5	Menu level 6
				Absolute Speed	
		Process Data			
			Max Stat Dev		
			Max Dyn Dev		
			Num Dev >0.3%		
			Num Dev >0.5%		
			Absolute Speed		
		ProductID			
			ASN		
			ProductionDate		
			SerialNumber		
			ParamSet Code		
			ParamSet Vers		
		SW Version			
	O2 Module				
		Process Data			
			FlueGasTemp		
		ProductID			
			ASN		
			ProductionDate		
			SerialNumber		
			ParamSet Code		
			ParamSet Vers		
		SW Version			
	Flue Gas Recirc.				
		actTmpFGR-sensor			
	SystemConfig				
		LC_OptgMode			
	HoursRun				
		GasFiring			
		OilStage1/Mod			
		OilStage2			
		OilStage3			
		TotalHoursReset			
		TotalHours			
		SystemOnPower			
		Reset			
			GasFiring		
			OilStage1/Mod		
			OilStage2		
			OilStage3		
			TotalHoursReset		
	StartCounter				
		GasStartCount			
		OilStartCount			
		TotalStartCountR			
		TotalStartCount			
		Reset			
			GasStartCount		
			OilStartCount		
			TotalStartCountR		
	Fuel Meter				
		Curr Flow Rate			
		Volume Gas			
		Volume Oil			
		Volume Gas R			

Menu level 1	Menu level 2	Menu level 3	Menu level 4	Menu level 5	Menu level 6
		Volume Oil R			
		Reset DateGas			
		Reset DateOil			

Menu level 1	Menu level 2	Menu level 3	Menu level 4	Menu level 5	Menu level 6
Updating					
	ParamBackup				
		BackupInfo			
			Date		
			TimeOfDay		
			BU included?		
			AZL included?		
			LC included?		
			ACT1 included?		
			ACT2 included?		
			ACT3 included?		
			ACT4 included?		
			ACT6 included?		
			VSD included?		
PW eingeben					
SafetyCheckFunct					
	SLT Test				
	SLT-Testload Mod				
	SLT-Testload Stg				

Use of TÜV test function must be carried out by qualified staff!

Required information of service purpose

Plant: _____

Burner data: _____

Burner management system LMV51...

	ASN	Production date	Software version
Burner control			
Load controller			
AZL5...			
Air actuator			
Gas actuator			
Oil actuator			
Auxiliary actuator			

Lockout history

No.	Date	Time	Code	Diagnostic code	Error phase	Startup	Load	Fuel	Description of fault
1									
2									
3									
4									
5									
6									
7									
8									
9									