

## Control Modules

Name	Type	Drawing Name	Unit	EM
PT-Bio101-1	Analogue Input	SmallFermenter	Bio101	EM-Scenarios
LT-Bio101-1	Analogue Input	SmallFermenter	Bio101	EM-Scenarios
FV-Bio101-052	Valve	SmallFermenter	Bio101	EM-Scenarios
FV-Bio101-054	Valve	SmallFermenter	Bio101	EM-Scenarios
FV-Bio101-049	Valve	SmallFermenter	Bio101	EM-Scenarios
FV-Bio101-144	Valve	SmallFermenter	Bio101	EM-Scenarios
FV-Bio101-142	Valve	SmallFermenter	Bio101	EM-Scenarios
FV-Bio101-042	Valve	SmallFermenter	Bio101	EM-Scenarios
FV-Bio101-045	Valve	SmallFermenter	Bio101	EM-Scenarios
FV-Bio101-030	Valve	SmallFermenter	Bio101	EM-Scenarios
FV-Bio101-034	Valve	SmallFermenter	Bio101	EM-Scenarios
Ag-Bio101-1	Single Speed Motor	SmallFermenter	Bio101	EM-Scenarios

Control Modules

Name	Description	Diagram	Version	AuditTrailEnabled	Mode	OwnerId	TargetIdSystem	Unit	EquipmentModule	EngineeringUnits	EURangeStart	EURangeEnd	IsSimulate	TransmitterType	Value	AlarmsEnabled	IsInAlarm	High InAlarm	High Ack	High Enabled	High Severity	High Value	High High InAlarm	High High Ack	High High Enabled	High High Severity	High High Value	Inst InAlarm	Inst Ack	Inst Enabled	Inst Severity	Low InAlarm	Low Ack	Low Enabled	Low Severity	Low Value	Low Low InAlarm	Low Low Ack	Low Low Enabled	Low Low Severity	Low Low Value	Quality InAlarm	Quality Ack	Quality Enabled	Quality Severity
PT-Bio101-1	SmallFermenter	SmallFermenter		False	Null		Bio101	EM-Scenarios	Barg	0	5	False	Pressure	0	True	False	False	False	False	Info	0	False	False	True	Critical	3	False	False	False	Info	False	False	False	Info	0	False	False	Info	0	False	False	False	Info		
LT-Bio101-1	SmallFermenter	SmallFermenter		False	Null		Bio101	EM-Scenarios	perC	0	100	False	Level	0	True	False	False	False	False	Info	0	False	False	True	High	90	False	False	False	Info	False	False	False	Info	0	False	False	Info	20	False	False	False	Info		

**Control Modules**

Name	Description	Diagram	Version	AuditTrailEnabled	Mode	OwnerId	TargetCtrlSystem	Unit	EquipmentModule	IsRunning	Value	Alarms Enabled	IsInAlarm	FailToStart	FailToStart Ack	FailToStart Enabled	FailToStart Severity	InterlocksEnabled	IsInterlocked	AutomaticReset
Ag-Bio101-1		SmallFermenter		False	Null			Bio101	EM-Scenarios	False	0	True	False	False	False	True	High	True	False	True

## Control Modules

Name	Description	Diagram	Version	AuditTrailEnabled	Mode	OwnerId	TargetCtrlSystem	Unit	EquipmentModule	HasDivertFeedback	HasOpenFeedback	FailOpen	Value	AlarmsEnabled	IsInAlarm	FailToClose	FailToClose Ack	FailToClose Enabled	FailToClose Severity	FailToOpen	FailToOpen Ack	FailToOpen Enabled	FailToOpen Severity	InterlocksEnabled	IsInterlocked	AutomaticReset
FV-Bio101-052	SmallFermenter			False	Null		Bio101	EM-Scenarios		False	False	False	False	True	False	False	False	False	Info	False	False	True	Medium	True	False	True
FV-Bio101-054	SmallFermenter			False	Null		Bio101	EM-Scenarios		False	False	False	False	True	False	False	False	False	Info	False	False	True	Critical	False	False	False
FV-Bio101-049	SmallFermenter			False	Null		Bio101	EM-Scenarios		False	False	False	False	True	False	False	False	True	Medium	False	False	False	Info	True	False	False
FV-Bio101-144	SmallFermenter			False	Null		Bio101	EM-Scenarios		False	False	False	False	True	False	False	False	True	High	False	False	False	Info	True	False	True
FV-Bio101-142	SmallFermenter			False	Null		Bio101	EM-Scenarios		False	False	False	False	True	False	False	False	True	High	False	False	False	Info	True	False	False
FV-Bio101-042	SmallFermenter			False	Null		Bio101	EM-Scenarios		False	False	False	False	True	False	False	False	True	High	False	False	False	Info	True	False	True
FV-Bio101-045	SmallFermenter			False	Null		Bio101	EM-Scenarios		False	False	False	False	True	False	False	False	True	High	False	False	False	Info	True	False	True
FV-Bio101-030	SmallFermenter			False	Null		Bio101	EM-Scenarios		False	False	False	False	True	False	False	False	True	High	False	False	False	Info	True	False	True
FV-Bio101-034	SmallFermenter			False	Null		Bio101	EM-Scenarios		False	False	False	False	True	False	False	False	True	Info	False	False	False	Info	True	False	True

## Interlocks

Type	Name	Interlocks Enabled	Is Interlocked	Automatic Reset	Interlock Name	Description	HazardLevel	IsEnabled	IsFired	OperatingMode	SILLevel
Single Speed Motor	Ag-Bio101-1	True	False	True	lolevel		Null	True	False	Null	Null
Valve	FV-Bio101-052	True	False	True	overpressure		Null	True	False	Null	Null
Valve	FV-Bio101-049	True	False	False	overpressure		Null	True	False	Null	Null
Valve	FV-Bio101-144	True	False	True	overpressure		Null	True	False	Null	Null
Valve	FV-Bio101-142	True	False	False	overpressure		Null	True	False	Null	Null
Valve	FV-Bio101-042	True	False	True	overflow		Null	True	False	Null	Null
Valve	FV-Bio101-045	True	False	True	overflow		Null	True	False	Null	Null
Valve	FV-Bio101-030	True	False	True	overflow		Null	True	False	Null	Null
Valve	FV-Bio101-034	True	False	True	overflow		Null	True	False	Null	Null