

SATTGRAPH PICTURE DOCUMENTATION

File: "frtgr166lib"

Date: "2004-12-07-15:27:17.125"

Options: DocPostScript DocAlignToPage
DocProgram DocStructSequence
DocumentPageLayout=
OutPageLength=75 OutPageWidth=80
DocDefinitionLines=10
DocPictureLines=10 DocProgramSize=1000

LIBRARIES

configlib 2004-11-19-13:02:29.102
SG_libs:nucleuslib 2003-05-05-13:20:29.954
LT:lt4xlib 2002-12-06-14:42:35.906
lt:lt4lib 2004-10-15-16:11:51.093
LT:lt4mmslib 2004-10-15-16:14:33.437
LT:lt4eventlib 2004-04-02-16:31:03.421
LT:lt4op45lib 2003-05-06-14:54:27.584
LT:lt4maalerlib 2003-05-06-14:53:20.615
LT:lt4replib 2004-06-02-10:28:50.390
LT:lt4_2ventillib 2004-10-15-16:25:04.843
LT:lt4motorlib 2004-04-02-16:32:14.437
LT:lt4vaskelib 2004-10-15-16:22:16.375
LT:lt4funklib 2003-10-16-10:02:03.718
LT:lt4ventillib 2004-11-05-09:45:39.984
frobjektlib 2004-12-07-14:39:51.921
SG_libs:JournalLib 2003-12-10-11:58:03.706
LT:lt4profibaselib 2003-05-06-14:57:27.397
frconflib 2004-11-19-14:22:06.234
SG_libs:ControlLib 2001-10-31-11:00:47.320
fr4objektlib 2004-11-19-13:02:30.824

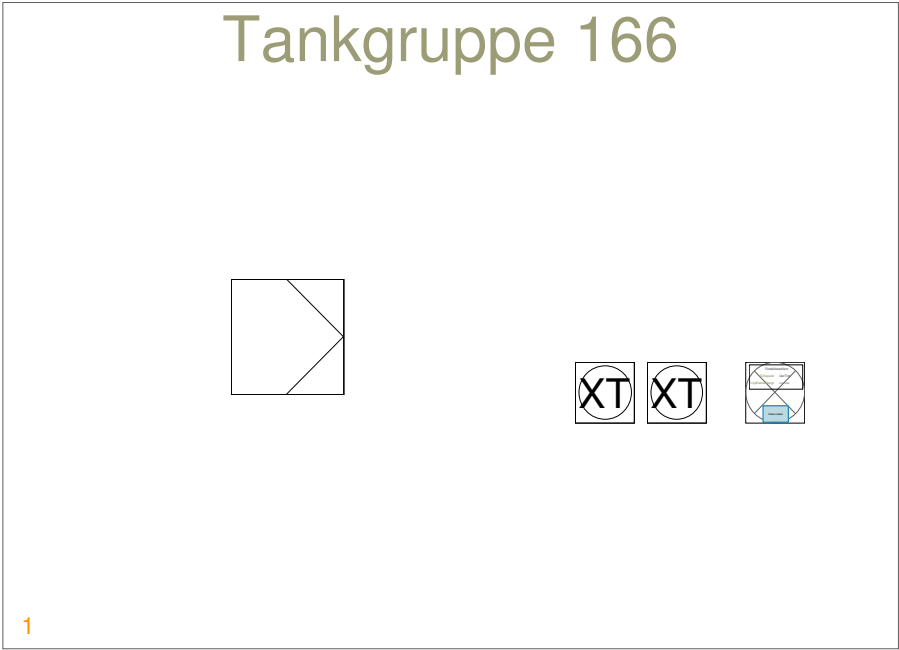
BasePicture (Module)

frtgr166lib

frtgr166lib

Version:(2.2)

Date:Se EndringsHistorikk



DATA TYPE DEFINITIONS

Name	Data type	Initial	Description
-----	-----	-----	-----
IO_Tgr166Type	RECORD		
'41_86'	CounterSignal		Flowmåler til kommunen
'41_87'	AnalogSignalIn		Flowmåler til Biorotor
'FV41_87'	AnalogSignalOut		Ventil for flow til Biorotor
V41_05	IO_Ventil_type		Prøvetager utløp fra biorotor
'41_60'	AnalogSignalIn		Ph avløp
'41_88'	AnalogSignalIn		Temp avløp
V41_03	IO_Ventil_type		Utløpsventil biorotor
ENDDEF			

tgr166libVersion (Module type)**frtgr166lib**

Version:(2.2)

Date:Se EndringsHistorikk

L1 (Frame Module) in tgr166libVersion

frtgr166lib

Version:(2.2)

Date:Se EndringsHistorikk

L2 (Frame Module) in L1

tgr40lib				
Type: Del-Prosess				
Responsibility:				
Sublibraries:				
	<table><tr><td>fronlib</td></tr><tr><td>Version: 2.3-22</td></tr><tr><td>Date: 04-07-02</td></tr></table>	fronlib	Version: 2.3-22	Date: 04-07-02
fronlib				
Version: 2.3-22				
Date: 04-07-02				
NucleusLib				
Version: 2.3-22				
Date: 04-07-02				

Unnam2 (Module type NucleusLib:NucleusLibVersion) in L2

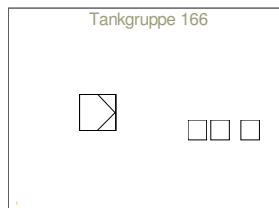
NucleusLib

Version: 2.3-22

Date: 04-07-02

Unnam1 (Module type frconflib:configlibVersion) in L2

frconflib Version:(1.2) Date:99-10-28
--

tgr166 (Module type)**SCAN GROUP ApplicationScanGroup.SYS7.Normal****PARAMETERS**

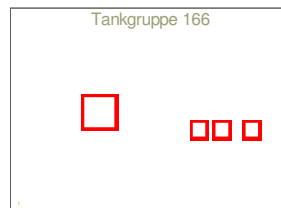
Name	Data type	Default	Description
-----	-----	-----	-----
Processavsnitt	identstring	"Tgr150"	
ProgStationData	ProgStationData		
ApplicationScanGroup	ApplScanGroupType		
Privileges	PrivilegeType		
Group	HistoryGroupType		INN En av history-gruppene i HistoryMasterControl, f.eks. History.Group1
Control	HistoryControlType		INN Kontrollsignalene fra HistoryMasterControl, f.eks History.Control
IO	IO_Tgr166Type		IN/UT
SO	SO_TgrType		

VARIABLES

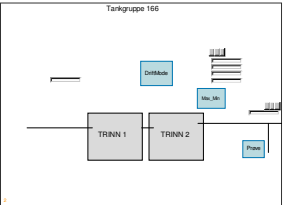
Name	Data type	Default	Description
-----	-----	-----	-----
Sp	Real State		Settpunkt for regulator
LocalPrivileges	LocalPrivilegeType		
AlarmPar	Alarm4Par		
SpOld	Real		
InterLock	boolean State		Tillater regulering
InterLockOld	boolean		
InterLockValue	real	0.0	
'FT41_86'	FlødesmåtarType		
Y41_05	Ventiltype		
Y41_03	Ventiltype		
'PH41_60'	MålerType		
'TT41_88'	MålerType		
Samplevol	Integer OpSave		
SampleTimer	Timer		
SampleTid	Integer OpSave		
'FT41_86_OldVolum'	Integer OpSave		
'FT41_86_Clear'	boolean		
'Avles_Clear'	boolean		
'PH41_60_MaxValue'	Real		
'PH41_60_MinValue'	Real		

Name	Data type	Default	Description
----	-----	-----	-----
'TT41_88_MaxValue'	Real		
'TT41_88_MinValue'	Real		

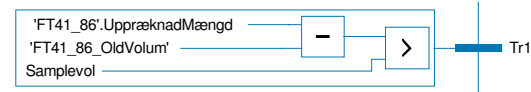
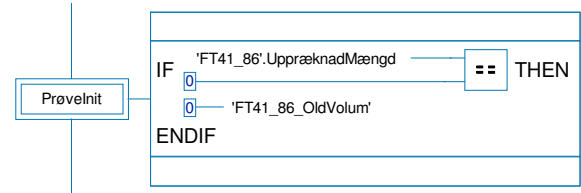
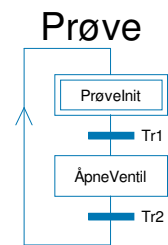
L1 (Frame Module) in tgr166

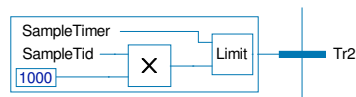
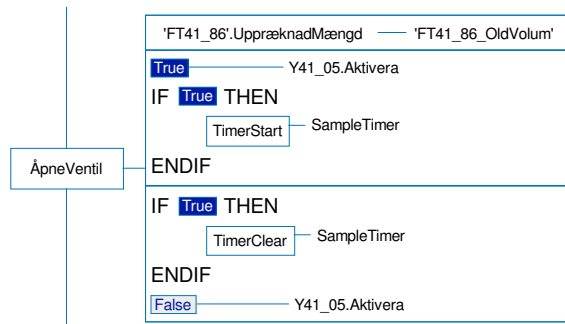


L2 (Frame Module) in L1



Prøve (Sequence)





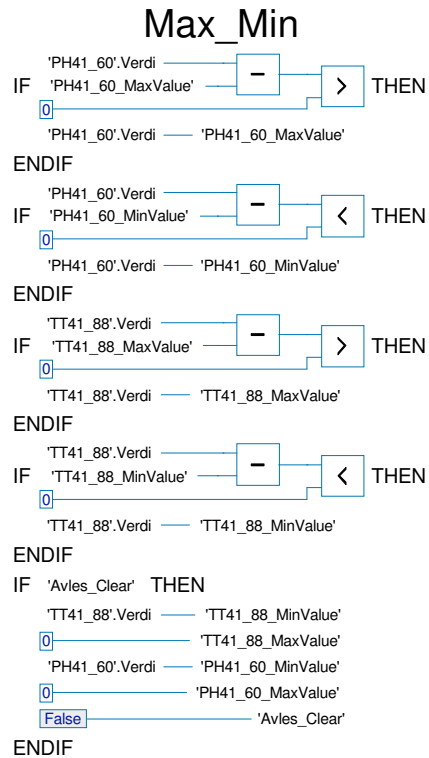
DriftMode (Equation)

DriftMode

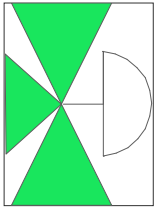
```

IF SO.T160TØMMING THEN
  True — Y41_03.Aktivera
  True — 'FT41_86'.TillåtMætning
  False — InterLockOld
ELSE
  False — Y41_03.Aktivera
  False — 'FT41_86'.TillåtMætning
  True — InterLockOld
ENDIF
'FT41_86_Clear' — 'FT41_86'.Nollstæll
IF 'FT41_86_Clear' THEN
  False — 'FT41_86_Clear'
ENDIF
  
```

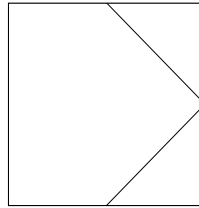
Max_Min (Equation)



RV (Module type It4xlib:RegVentil3) in L2



CONNECTIONS			Actual	
Name	Data type	Default	Variable	Description
-----	-----	-----	-----	-----
Pådrag	Real		IO.'FV41_87'.Value	

Pid (Module type ControlLib:RelayPidTuner) in L2**GRAPHICAL CONNECTIONS**

Name	Data type	Default	Actual Variable	Description
Pv	RealSignal		Ai.Out	IN NODE <=> Process value
Sp	RealSignal	Default	RToRS.Out	IN NODE <=> Setpoint
C	RealSignal		Ao.In	OUT NODE <=> Controller output

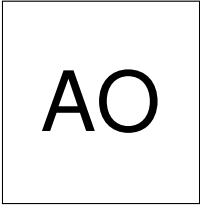
CONNECTIONS

Name	Data type	Default	Actual Variable	Description
IconName	identstring	"Pid"		IN This name is only presented in the controller icon
Name	string	"RelayPidTuner"		IN The name of the module
Description	string	"RelayPidTuner"		IN Description in control window
PvPar	SignalPar	Default	IO.'41_87'.Parameters	IN Scale and unit
SpExternalInit	boolean	False	True	IN INIT NO OPSAVE If "true" it starts in external mode (otherwise in internal mode)
SpManValueInit	real	0.0		IN INIT Sp startup value (if Internal mode)
Feedforward	RealSignal	Default		IN NODE <=> Added to C
ExternalGSref	RealSignal	Default		IN NODE <=> External gain scheduler reference
GSvariableInit	integer	1		IN INIT Selection of gain scheduler reference signal (1=C, 2=Pv, 3=Sp, 4=ExtrnalGSref)
CPar	SignalPar	Default	IO.'FV41_87'.Parameters	IN Scale and unit
CAutomaticInit	boolean	False	True	IN INIT NO OPSAVE if "true" it starts in automatic mode (otherwise in manual mode)
CManValueInit	real	0.0		IN INIT Output startup value (if manual mode)
BackTracking	boolean	True		IN EDIT If true the output is updated with C.ValueBack (if C.ForcedBack)
PStart	boolean	False		IN TRUE => Transitions to Auto and Int/ext. setpoint change start the phasing
InterLock	boolean	False	InterLockOld	IN Force C.Value to InterLockValue
InterLockValue	real	0.0	InterLockValue	IN Interlock value

Name	Data type	Default	Variable	Description
-----	-----	-----	-----	-----
InteractionPar	RelayPidTunerPar	Default		IN Interaction values
AlarmPar	Alarm4Par	Default	AlarmPar	IN Alarm presentation
RelAlarmConnection	RelAlarm2Connection	Default		OUT NODE <=> Connection to relative alarm
ReadyTuner	boolean	Default		OUT Set when the tuner stops tuning (or fails to tune)
ErrorTuner	boolean	Default		OUT Set when any error or warning has occurred
OscillationDetected	boolean	Default		OUT Set when oscillation is detected
EnableControl	boolean	True		IN Enables manoeuvre interaction
EnableParChanges	boolean	True		IN Enables parameter changes
UsedParametersInit	integer	1		IN INIT Number of used parameter sets (1-4)
GainInit	real	1.0		IN INIT Gain in parameter set 1
Gain2Init	real	1.0		IN INIT Gain in parameter set 2
Gain3Init	real	1.0		IN INIT Gain in parameter set 3
Gain4Init	real	1.0		IN INIT Gain in parameter set 4
TiInit	real	20.0		IN INIT Integration time in parameter set 1 (sec.)
Ti2Init	real	20.0		IN INIT Integration time in parameter set 2 (sec.)
Ti3Init	real	20.0		IN INIT Integration time in parameter set 3 (sec.)
Ti4Init	real	20.0		IN INIT Integration time in parameter set 4 (sec.)
TdInit	real	0.0		IN INIT Derivation time in parameter set 1 (sec.)
Td2Init	real	0.0		IN INIT Derivation time in parameter set 2 (sec.)
Td3Init	real	0.0		IN INIT Derivation time in parameter set 3 (sec.)
Td4Init	real	0.0		IN INIT Derivation time in parameter set 4 (sec.)
Lim1Init	real	25.0		IN INIT limit between parameterset 1 and 2 (must be < Lim2Init)
Lim2Init	real	50.0		IN INIT limit between parameterset 2 and 3 (must be < Lim3Init)
Lim3Init	real	75.0		IN INIT limit between parameterset 3 and 4 (must be > Lim2Init)
DeadTimeInit	real	0.0		IN INIT Process deadtime in seconds
MaxDeadTime	integer	0		IN EDIT The array length corresponding to the maximum deadtime (number of samples)
BiasInit	real	50.0		IN INIT (C unit). Must be >Cmin and <Cmax. Only used if no "Integral"
DzInit	real	0.0		IN INIT Deadzone of control error
DirectKnownInit	boolean	False		IN INIT Reverse or direct control known
DirectInit	boolean	False		IN INIT Reverse or direct control
IntegralInit	boolean	True		IN INIT Integral action or not

Name	Data type	Default	Variable	Description
----	-----	-----	-----	-----
FeedForwardGainInit				
	real	1.0		IN INIT Feedforward gain
CIncSpeedInit	real	100.0		IN INIT Change per second during interlock
CDecSpeedInit	real	100.0		IN INIT Change per second during interlock
LimitOutputInit	boolean	False		IN INIT Limit output with Cmax and Cmin
CMaxLimitInit	real	100.0		IN INIT Used if LimitOutputInit is true
CMinLimitInit	real	0.0		IN INIT Used if LimitOutputInit is true
OscillationDetecInit				
	boolean	False		IN INIT Oscillation detection
SelectButton	identstring	" "		IN OP board button
InteractionSeverity				
	integer	0		IN interaction severity
InteractionClass	integer	1	31	IN interaction class

Ao (Module type ControlLib:AnalogOutRealS) in L2



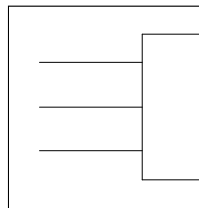
GRAPHICAL CONNECTIONS

Name	Data type	Default	Actual Variable	Description
-----	-----	-----	-----	-----
In	RealSignal		Pid.C	IN NODE <=>

CONNECTIONS

Name	Data type	Default	Actual Variable	Description
----	-----	-----	-----	-----
Name	identstring	"Ao"		IN The name of the module
Description	string	"Output"		IN Description in control window
AnalogOutput	AnalogSignalOut		IO.'FV41_87'	OUT IO value.
LoggerOutput	RealSignal	Default		OUT NODE connection to the HistoryLoggerReals module.
EnableControl	boolean	True		IN enable manoeuvre interaction.
EnableParChanges	boolean	True		IN enable parameter changes.
SelectButton	identstring	"		IN OP board button (global button).
InteractionSeverity	integer	0		IN interaction severity
InteractionClass	integer	1		IN interaction class
LoggerName	identstring	"		IN EDIT path from this module to the HistoryLoggerReals module.

RToRS (Module type ControlLib:RealToRealS) in L2



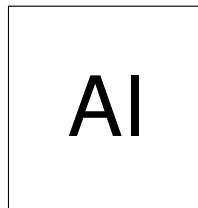
GRAPHICAL CONNECTIONS

Name	Data type	Default	Actual Variable	Description
-----	-----	-----	-----	-----
Out	RealSignal		Pid.SP	OUT NODE <=>

CONNECTIONS

Name	Data type	Default	Actual Variable	Description
-----	-----	-----	-----	-----
Name	identstring	"RtoS"	"Sp"	IN The name of the module
Rin	real		SPold	IN NODE
Valid	boolean	True		IN
Forced	boolean	False		IN
InteractionPar	RealToRealSPar			
		Default		IN interaction values.
EnableParChanges	boolean	True		IN enable parameter changes.
AutomaticInit	boolean	True		IN INIT NO OPSAVE if true it starts in automatic mode (else manual mode).
ManualValueInit	real	0.0		IN INIT startup value in manual mode.
MaxInit	real	100.0		IN INIT
MinInit	real	0.0		IN INIT
InteractionSeverity	integer	0		IN interaction severity
InteractionClass	integer	1	32	IN interaction class

Ai (Module type ControlLib:AnalogInRealS) in L2

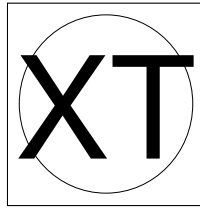


GRAPHICAL CONNECTIONS

Name	Data type	Default	Actual Variable	Description
-----	-----	-----	-----	-----
Out	RealSignal	Default	Pid.PV	OUT NODE <=>

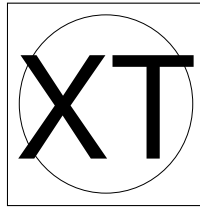
CONNECTIONS

Name	Data type	Default	Actual Variable	Description
-----	-----	-----	-----	-----
Name	identstring	"Ai"	"'FT41_87'"	IN The name of the module
Description	string	"Input"		IN Description in control window
AnalogInput	AnalogSignalIn		IO.'41_87'	IN connect it to IO rack
AlarmPar	Alarm4Par	Default	AlarmPar	IN presentation of alarm limits.
EnableControl	boolean	True		IN enables manoeuvre interaction.
EnableParChanges	boolean	True		IN enables parameter changes.
SelectButton	identstring	"		IN OP board button (global button).
InteractionSeverity	integer	0		IN interaction severity
InteractionClass	integer	1		IN interaction class
LoggerName	identstring	"		IN EDIT path from this module to the Hi storyLoggerReals module.

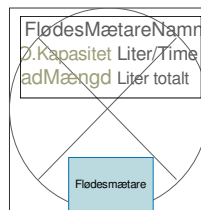
'PH41_60' (Module type lt4maalerlib:PHT) in L2

CONNECTIONS

Name	Data type	Default	Actual Variable	Description
-----	-----	-----	-----	-----
Name	string	"Module name"	"'PH41_60'"	Module instance name
ProsessAvsnitt	identstring		Processavsnitt	
ProgStationData	ProgStationData		ProgStationData	
HHTekst	string	"HH-grense"		Tekst på HH-grense i vindu
HTekst	string	"H-grense"		Tekst på H-grense i vindu
LTekst	string	"L-grense"		Tekst på L-grense i vindu
LLTekst	string	"LL-grense"		Tekst på LL-grense i vindu
HHlimitInit	real	1.0E+06		Grenseverdi HH
HlimitInit	real	1.0E+06		Grenseverdi H
LlimitInit	real	-1.0E+06		Grenseverdi L
LLlimitInit	real	-1.0E+06		Grenseverdi LL
SamplingFactor	integer	1		Sampling faktor for logging i ShortLogging (Logger med faktor x ShortSampleTime) Bør økes når antall
Group	HistoryGroupType			
	Default			IN eks:Global History.Group1
Control	HistoryControlType			
	Default			IN eks:Global History.Control
EnableLogging	boolean	True		IN Logging av målinger til disk
AnalogInput	AnalogSignalIn		IO.'41_60'	
			IN	
Ut	MålerType		'PH41_60' UT	

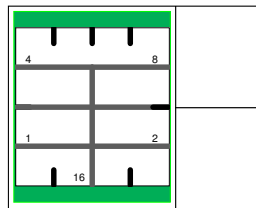
'TT41_88' (Module type It4maalerlib:TT) in L2

CONNECTIONS			Actual	
Name	Data type	Default	Variable	Description
----	-----	-----	-----	-----
Name	string	"Module name"	"'TT41_88'"	Module instance name
ProsessAvsnitt	identstring		Processavsnitt	
ProgStationData	ProgStationData		ProgStationData	
Group	HistoryGroupType	Default		INN En av history-gruppene i HistoryMasterControl, f.eks. History.Group1
Control	HistoryControlType	Default		INN Kontrollsignalene fra HistoryMasterControl, f.eks History.Control
LoggingEnable	boolean	False		INN Om den skal skrive verdier for logging. TRUE -> Skriver verdier i journal
SamplingFactor	integer	1		Sampling faktor for logging i ShortLogging (Logger med faktor x ShortSampleTime) Bør økes når antall
ID	Identstring	"TT"	"TT"	Eks: TT, pH, FT, PT.....
HHTekst	string	"HH-grense"		Tekst på HH-grense i vindu
HTekst	string	"H-grense"		Tekst på H-grense i vindu
LTekst	string	"L-grense"		Tekst på L-grense i vindu
LLTekst	string	"LL-grense"		Tekst på LL-grense i vindu
HHlimitInit	real	1.0E+06		Grenseverdi HH
HlimitInit	real	1.0E+06		Grenseverdi H
LlimitInit	real	-1.0E+06		Grenseverdi L
LLlimitInit	real	-1.0E+06		Grenseverdi LL
AnalogInput	AnalogSignalIn		IO.'41_88'	IN
Ut	MålerType		'TT41_88'	UT

'FT41_86' (Module type It4lib:Flødesmætare) in L2

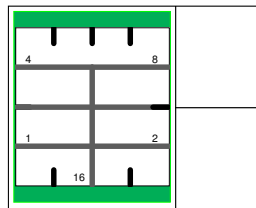
CONNECTIONS

Name	Data type	Default	Actual Variable	Description
FlødesmætareNamn	identstring		"'FT41_86'"	IN
Pulsingång	boolean		IO.'41_86'.A	IN Pulsgivarens signal
ScanGroup	GroupData		ApplicationScanGroup.SYS7.Normal	IN eks. "Global ApplicationScanGroup.Sys1.Fast"
TidFørFeldetektering	integer		99999999	IN Antal sekunder utan pulser innan lar m skall ges
TidFørFunktionsStopp	integer		99999999	IN Antal sekunder utan pulser innan funktionen skall stoppas
SO	FlødesmætarType		'FT41_86'	IN/UT

'41_05' (Module type fr4objektlib:FR4_Ventil) in L2

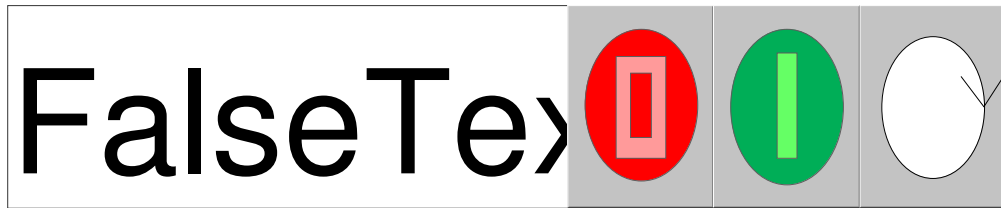
CONNECTIONS

Name	Data type	Default	Actual Variable	Description
-----	-----	-----	-----	-----
Namn	identstring		"41.05"	IN Objektnamn
NodeName	identstring	" "		IN Eks: "1013A" (dvs: SattTop-system 1000 node 13A)
Processavsnitt	IdentString		Processavsnitt	IN Plassering i anlegget før feltext, kobles normalt til parameter Prosessavsnitt
ProgStationData	ProgStationData		ProgStationData	
IO	IO_Ventil_Type		IO.V41_05	IN/UT
EnableManuell	boolean	True		
SO	VentilType		Y41_05	IN/OUT
VentilType	integer	0	32	IN 9=21Ventil NC-bunnløp: +1=Løp1(NV), +2=Løp2(NH), +4=Løp3(ØV), +8=(ØH), +16=BunnløpNO, 32=Spjeld
VentilRotasjon	real	0.0	1.0	IN 0=Bunnløp nedover, 1=Bunnløp til venstre, 2=Bunnløp oppover, 3=Bunnløp til høyre

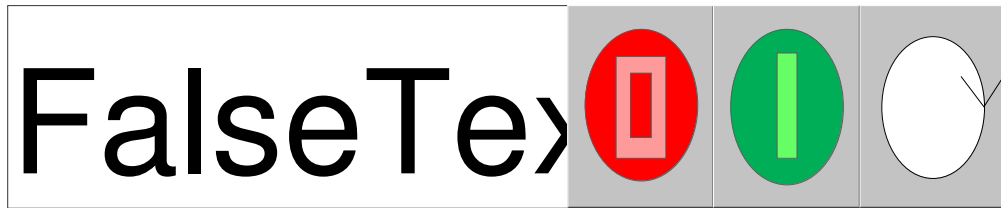
'41_03' (Module type fr4objektlib:FR4_Ventil) in L2

CONNECTIONS

Name	Data type	Default	Actual Variable	Description
----	-----	-----	-----	-----
Namn	identstring		"41.03"	IN Objektnamn
NodeName	identstring	" "		IN Eks: "1013A" (dvs: SattTop-system 1000 node 13A)
Processavsnitt	IdentString		Processavsnitt	IN Plassering i anlegget før feltext, kobles normalt til parameter Prosessavsnitt
ProgStationData	ProgStationData		ProgStationData	
IO	IO_Ventil_Type		IO.V41_03	IN/UT
EnableManuell	boolean	True		
SO	VentilType		Y41_03	IN/OUT
VentilType	integer	0	32	IN 9=21Ventil NC-bunnløp: +1=Løp1(NV), +2=Løp2(NH), +4=Løp3(ØV), +8=(ØH), +16=BunnløpNO, 32=Spjeld
VentilRotasjon	real	0.0		IN 0=Bunnløp nedover, 1=Bunnløp til venstre, 2=Bunnløp oppover, 3=Bunnløp til høyre

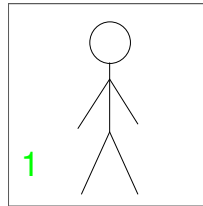
NullstillJournal (Module type It4lib:BooleanExtra) in L2**CONNECTIONS**

Name	Data type	Default	Actual Variable	Description
Value	boolean		'Avles_Clear'	UT
FalseText	Identstring		"Clear Max-Min"	IN Tekst i trykk-knapp
InteractEnable	boolean	True	True	
JaValue	boolean	False		IN Signal som gir RunIcon
ProsessInteraction	boolean	True		Tilkobles LocalPrivileges.ProsessInteraction

NullstillVolum (Module type It4lib:BooleanExtra) in L2

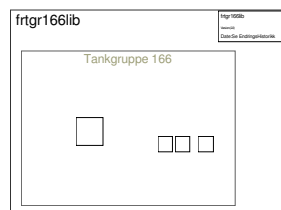
CONNECTIONS

Name	Data type	Default	Actual Variable	Description
Value	boolean		'FT41_86_Clear'	UT
FalseText	Identstring		"NULLSTILL"	IN Tekst i trykk-knapp
InteractEnable	boolean	True	True	
JaValue	boolean	False		IN Signal som gir RunIcon
ProsessInteraction	boolean	True		Tilkobles LocalPrivileges.ProsessInteraction

PrivilegeKontroll (Module type It4lib:PrivilegeKontroll2) in L2

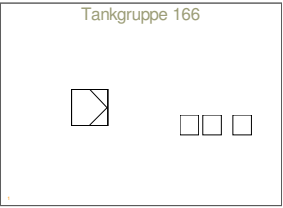
CONNECTIONS			Actual	
Name	Data type	Default	Variable	Description
----	-----	-----	-----	-----
Navn	identstring		"RenseAnlegg"	IN
ProgstationData	ProgStationData		ProgStationData	
Privileges	PrivilegeType		Privileges	IN
ScanGroupController				
	GroupData	Default	ApplicationScangroup.SYS7.Slow	
				feks: ApplicationScanGroup.SYS6.Normal
LocalPrivileges	LocalPrivilegeType		LocalPrivileges	
Modul_Process0	boolean	True	False	
Interact_Process0	boolean	True	False	
Control_Process0	boolean	True	False	
Parameter_Process0	boolean	True	False	
Bruker1	tagstring	"Skummer"		IN feks: "Skummer"
Modul_Process1	boolean	False	True	
Interact_Process1	boolean	False	True	
Control_Process1	boolean	False		
Parameter_Process1	boolean	False		
Bruker2	tagstring	"Skummer2"		IN feks: "Skummer2"
Modul_Process2	boolean	False	True	
Interact_Process2	boolean	False	True	
Control_Process2	boolean	False	True	
Parameter_Process2	boolean	False	True	
Bruker3	tagstring	"Laborant"		IN feks: "Laborant"
Modul_Process3	boolean	False	True	
Interact_Process3	boolean	False		
Control_Process3	boolean	False		
Parameter_Process3	boolean	False		
Bruker4	tagstring	"Sjåfør"		IN feks: "Sjåfør"
Modul_Process4	boolean	False		
Interact_Process4	boolean	False		

Name	Data type	Default	Variable	Description
-----	-----	-----	-----	-----
Control_Process4	boolean	False		
Parameter_Process4	boolean	False		
Bruker5	tagstring	"Yster"		IN feks: "Yster"
Modul_Process5	boolean	False	True	
Interact_Process5	boolean	False		
Control_Process5	boolean	False		
Parameter_Process5	boolean	False		
Bruker6	tagstring	"Tappeoperatør"		IN feks: "Tappeoperatør"
Modul_Process6	boolean	False	True	
Interact_Process6	boolean	False		
Control_Process6	boolean	False		
Parameter_Process6	boolean	False		
Bruker7	tagstring	"Renseanlegg"		IN feks: "Renseanlegg"
Modul_Process7	boolean	False	True	
Interact_Process7	boolean	False	True	
Control_Process7	boolean	False	True	
Parameter_Process7	boolean	False	True	
Bruker8	tagstring	"Operatør8"		IN feks: "Operatør8"
Modul_Process8	boolean	False		
Interact_Process8	boolean	False		
Control_Process8	boolean	False		
Parameter_Process8	boolean	False		
Bruker9	tagstring	"Operatør9"		IN feks: "Operatør9"
Modul_Process9	boolean	False		
Interact_Process9	boolean	False		
Control_Process9	boolean	False		
Parameter_Process9	boolean	False		

tgr40lib (Frame Module)**DESCRIPTION:**

LibMaster Version: 0.1.0 Date:90-09-10 used.

tgr166 (Module type frtgr166lib:tgr166) in tgr40lib



CONNECTIONS			Actual	
Name	Data type	Default	Variable	Description
-----	-----	-----	-----	-----
Processavsnitt	identstring	"Tgr150"	" Tgr166 "	
ProgStationData	ProgStationData		GLOBAL	ProgStationData
ApplicationScanGroup	ApplScanGroupType			
Privileges	PrivilegeType			
Group	HistoryGroupType			INN En av history-gruppene i HistoryMasterControl, f.eks. History.Group1
Control	HistoryControlType			INN Kontrollsignalene fra HistoryMasterControl, f.eks History.Control
IO	IO_Tgr166Type			IN/UT
SO	SO_TgrType			

LibVersion (Module type frtgr166lib:tgr166libVersion) in tgr40lib

frtgr166lib

Version:(2.2)

Date:Se EndringsHistorikk