Cross Reference List of BACnet

If 0-10V-dampers wish to be modulated via BACnet, no relay box FENIX0-10V should be used and
"Relay box is not used on damper" must be set as a binary value in no. 140-153 for the damper concerned.

Device ID: 254030
The BACnet device ID can be changed in the unit display.

Type	No	Name	Description
Analog Value	200	Mod1_AnaOut1	Analogue output, master, damper 1
Analog Value	201	Mod1_AnaOut2	Analogue output, master, damper 2
Analog Value	220	DetectorStatus_1	Detector loop 1, status (0=Ok,1=Service,2=Alarm, 3=Short circuit,4=Cable failure)
Analog Value	221	DetectorStatus_2	Detector loop 2, status (0=Ok,1=Service,2=Alarm, 3=Short circuit,4=Cable failure)
Analog Value	236	NoOfDetectors	Total number of connected detector loops
Analog Value	237	NoOfDetAlarmed	Total number of alarmed detectors
Analog Value	238	NoOfDetService	Total number of detectors in status service
Analog Value	239	DamperConnected_1	Damper 1 connected (0=No damper, 1=On/Off, 2=0-10V)
Analog Value	240	DamperConnected_2	Damper 2 connected (0=No damper, 1=On/Off, 2=0-10V)
Analog Value	255	NoOfDampers	Total number of connected dampers
Analog Value	256	DamperStatus_1	Damper 1 status (see description in documentation)
Analog Value	257	DamperStatus_2	Damper 2 status (see description in documentation)
Analog Value	272	DamperErrorReason_1	Damper 1 error reason (0=No error, 1=No open indication, 2=No close indication, 3=No open & close indication, 4=Both open & close indication, 5=No damper connected, 6=Overcurrent)
Analog Value	273	DamperErrorReason_2	Damper 2 error reason (description on damper 1)
Analog Value	288	NoOfDamperError	Total number of dampers have status error
Analog Value	289	DamperSection_1	Damper 1 in section, (0=no damper connected, 1=Section 1..)
Analog Value	290	DamperSection_2	Damper 2 in section, (0=no damper connected, 1=Section 1..)
Analog Value	305	DetectorCloseSec_1	Detector 1 closing damper section, bitmap: Bit 0=Section 1, Bit 1=Section 2, Bit 2=Section 3, Bit 3=Section 4, Bit 4-15, Spare
Analog Value	306	DetectorCloseSec_2	Detector 2 closing damper section, bitmap (description on detector 1)
Analog Value	321	FuncTestLastTimeY	Date when last function test was started, Year (2dig)
Analog Value	322	FuncTestLastTimeM	Date when last function test was started, month
Analog Value	323	FuncTestLastTimeD	Date when last function test was started, date
Analog Value	324	FuncTestLastTimeH	Time when last function test was started, hour
Analog Value	325	FuncTestLastTimeMin	Time when last function test was started, minute
Analog Value	326	FuncTestTimeLeftDays	Time left to next function test, in days
Analog Value	327	FuncTestTimeLeft	Time left to next function test
Analog Value	328	FuncTestNextTimeY	Date when next function test will be started, year (2dig)
Analog Value	329	FuncTestNextTimeM	Date when next function test will be started, month
Analog Value	330	FuncTestNextTimeD	Date when next function test will be started, date
Analog Value	331	FuncTestNextTimeH	Time when next function test will be started, hour
Analog Value	332	FuncTestNextTimeMin	Time when next function test will be started, minute
Analog Value	333	FuncTestDateStatus	Function test date time, new date input status (0=Ok,1=bad,2=new test needed,3=Internal,4=new test started, 5=Internal, 6=Idle,7=Bad date new interval,8=Date unfilled new interval,9=Date ok new interva)
Analog Value	334	NoOfFuncTestDamper	Total number of dampers that have been function tested (zeroed on func test and then increase when dampers are tested)

Analog Value	335	NetworkAlarmReason	Network alarm reason (for future use)
Analog Value	336	InternalErrorReason	Internal alarm reason (0=Battery error, for future use)
Analog Value	337	DisplayOnline	Display communication status (0=Offline,1=Online)
Analog Value	338	Alarms	Alarms bit mapped; B0:SumAlarm, B1:Fire alarm, B2:External alarm, B3:Network error, B4:Internal error, B5:Service alarm, B11:Damper sum alarm, B12:Section 1 Fire, B13:Section 2 Fire, B14:Section 3 Fire, B15:Section 4 Fire
Analog Value	339	DetectorAlarms	Detector alarms bit mapped (bit 0=Detector 1)
Analog Value	340	DamperAlarms	Damper alarms bit mapped (bit 0=Damper 1)
Analog Value	341	System_Year	System date, year (0-99)
Analog Value	342	System_Month	System date, month (1-12)
Analog Value	343	System_Date	System date, date (1-31)
Analog Value	344	System_Hour	System time, hour (0-23)
Analog Value	345	System_Minute	System time, minute (0-59)
Analog Value	346	System_Sec	System time, second (0-59)
Analog Value	347	DamperSelect_1	Damper manual control (0=Close, 1=Open, 2=Auto)
Analog Value	348	DamperSelect_2	Damper manual control (0=Close, 1=Open, 2=Auto)
Analog Value	363	DamperSelectSection_1	Damper manual control, section 1 (0=Close, 1=Open, 2=Auto, 3=Off sync, single damper in section is changed)
Analog Value	367	NightModeDamperSection_1	Night mode section 1 (0=Off, 1=On, 2=Off sync, single damper in section is changed)
Analog Value	371	ModDamperOutput_1	Modulating damper 1 output, in percent. (RelayBoxNotUsed_1 must be On to use)
Analog Value	372	ModDamperOutput_2	Modulating damper 2 output, in percent. (RelayBoxNotUsed_2 must be On to use) (RelayBoxNotUsed_16 must be On to use)
Analog Value	387	FuncTestInterval	Interval between function test (0=24h,1=48h,2=Once a week, 3=Once every two weeks,4=Once a month (30days), 5=Once every six months)
Analog Value	388	FuncTestReqTimeM	Request Date and time when next function test will run, month (Check status in FuncTestDateStatus, commit time with FuncTestReqTimeCommit)
Analog Value	389	FuncTestReqTimeD	Request Date and time when next function test will run, day
Analog Value	390	FuncTestReqTimeH	Request Date and time when next function test will run, hour
Analog Value	391	FuncTestReqTimeMin	Request Date and time when next function test will run, minute
Analog Value	392	DamperDefRunTimeOpen	Damper max runtime open (seconds, one setting for all dampers)
Analog Value	393	DamperDefRunTimeClose	Damper max runtime close (seconds, one setting for all dampers)
Analog Value	394	NetworkIconOffDelay	Network icon off delay (seconds it take for the icon to turn off after last successful communication via modbus or BACnet)
Binary Value	0	Mod1_DigIn1	Digital input, master, damper 1, open
Binary Value	1	Mod1_DigIn2	Digital input, master, damper 2, open
Binary Value	4	Mod1_DigIn5	Digital input, master, damper 1, closed
Binary Value	5	Mod1_DigIn6	Digital input, master, damper 2, closed
Binary Value	8	Mod1_DigIn9	Digital input, master, function test
Binary Value	9	Mod1_DigIn10	Digital input, master, external alarm
Binary Value	10	Mod1_DigIn11	Digital input, master, night mode
Binary Value	35	Mod1_DigOut1	Digital Output, master, detector 1
Binary Value	36	Mod1_DigOut2	Digital Output, master, detector 2
Binary Value	39	Mod1_DigOut5	Digital Output, master, damper 1
Binary Value	40	Mod1_DigOut6	Digital Output, master, damper 2
Binary Value	43	Mod1_DigOut9	Digital Output, master, main alarm

Binary Value	44	Mod1_DigOut10	Digital Output, master, detector service alarm
Binary Value	45	Mod1_DigOut11	Digital Output, master, operation air handling unit
Binary Value	70	DetectorConnected_1	Detector loop 1, connected
Binary Value	71	DetectorConnected_2	Detector loop 2, connected
Binary Value	86	NightMode	Unit in nightmode (all dampers)
Binary Value	87	SumAlarm	SumAlarm (of all alarms incl service alarm)
Binary Value	88	FireAlarm	Fire alarm
Binary Value	89	ExternalAlarm	External alarm
Binary Value	90	NetworkAlarm	Network error alarm
Binary Value	91	InternalErrorAlarm	Internal error alarm
Binary Value	92	ServiceAlarm	Detector service sum alarm
Binary Value	93	DamperSumAlarm	Damper sum alarm
Binary Value	94	SectionA_Alarmed	Section 1, Fire alarm
Binary Value	98	BattFail	Battery voltage low, replace battery in controller
Binary Value	99	ExtAlarmCom	External alarm (0=alarm off, 1=alarm on)
Binary Value	100	ExtAlarmReset	Reset external alarm (if InputExtAlarm is hi and ExtAlarmCom is lo)
Binary Value	101	FuncTestRequest	Request Function test (on whole system)
Binary Value	102	FuncTestDamperSection_1	Function test dampers, section 1
Binary Value	106	FuncTestDamper_1	Function test damper 1
Binary Value	107	FuncTestDamper_2	Function test damper 2
Binary Value	122	FuncTestReqTimeCommit	Commit checked time (only works if FuncTestDateStatus is ok, may trigger a new functiontest if FuncTestDateStatus says so)
Binary Value	123	NightModeRequest	Request nightmode on whole system (0=Off, 1=On)
Binary Value	124	NightModeDamper_1	Night mode damper 1
Binary Value	125	NightModeDamper_2	Night mode damper 2
Binary Value	140	RelayBoxNotUsed_1	Relay box not used on damper 1
Binary Value	141	RelayBoxNotUsed_2	Relay box not used on damper 2