Your supplier of choice for peripheral HVAC control products since 2001

Carefully selected, installed and adjusted control products save energy, reduce system lifecycle cost and increase life quality.

Vector Controls is a global company specializing in sensors and peripheral controls.

Our mission is to design, build, distribute and support feature-rich, easy-to-use products that help optimize indoor environment while preserving resources.

- **Temperature and humidity controls easily configured by straightforward on-board parameter setting.**
- **Universal controllers with freely assigned inputs and outputs for flexibility in a wide range of applications.**
- **Measurement of temperature, humidity, differential pressure and CO2 for room, duct, and outdoor applications.**

Index

TLC3

OPR-1

Fan coil and binary controller, TLC3 series

Compact wall mounted controller for line voltage for flush mounting. The controller is available in two different housings to fit different connection boxes.

- Large LCD display
- Programmable user and expert parameters
- Low power consumption of 1 W
- Flush mounting
- AC 230 VAC or 24 V AC or DC
- Deluxe version with backlight, clock and infrared remote control possibilities
- Relay switching for binary outputs
- Energy saving with comfort and economy modes and automatics fan speeds switching for FCR models
- Set point limitations
- IP 30
- Special functions including frost protection, comfort/ economy mode change based on temperature input, and more

Model	Functions & Variations	Features
TLC3-BCR-230	**Thermostat** 2-pipe control for three-state valve	2 binary outputs (relays) for valve 2 external sensor inputs 1 internal temperature sensor
TLC3-FCR-24 TLC3-FCR-230	**Fan coil controller** 2-pipe fan coil control	3 binary outputs (relays) for fan 1 binary output (relays) for valve 1 internal temperature sensor
TLC3-FCR-T-24 TLC3-FCR-T-230	**Fan coil controller** 2-pipe fan coil control with external input	3 binary outputs (relays) for fan 1 binary output (relays) for valve 1 internal temperature sensor 1 external sensor input
TLC3-FCR-2R-24 TLC3-FCR-2T-230	**Fan coil controller** 4-pipe fan coil control	3 binary outputs (relays) for fan 2 binary outputs (TRIAC for -230, relays for -24) for valve 1 internal temperature sensor
TLC3-FCR-M2-24 TLC3-FCR-M2-230	**Fan coil controller** 2-pipe PI-fan coil controller	1 TI internal 2 external inputs 3 DO (relays) fan control 1 AO (0 - 10 VDC) PI-valve control
TLC3-FCR-M4-24 TLC3-FCR-M4-230	**Fan coil controller** 4-pipe PI-fan coil controller	1 TI internal, 1 external input 3 DO (relays) fan control 2 AO (0 - 10 VDC) PI-valve control
TLC3 Variations:	-D = deluxe version -24 = 24 VAC/DC -230 = 230 VAC -W01 = cooling only	With backlight, real time clock and time schedules Power supply 24 VAC or 24 VDC (except for TLC-FCR-2T-230. Power supply 230 VAC Fixed to cooling only mode
OPR-1	**Infrared remote controller**	Infrared remote controller for deluxe version

TLR

OPA-D

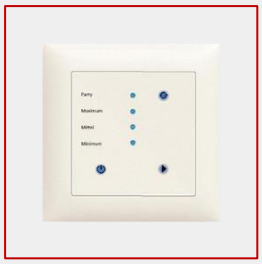
OPR-1

Fan coil and package unit controller, TLR Series

Fan coil unit controller consisting of a cabinet mounted base unit and a surface mounted operation terminal/temperature sensor.

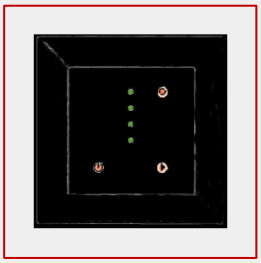
- Large LCD display on operation terminal
- Programmable user and expert parameters
- Base cabinet mounted, terminal wall flush mounted
- AC 230 V or AC 24 V 50/60 Hz
- Deluxe version with backlight, clock and infrared remote control possibilities
- High switching power for each outputs up to 10 (6) A 250 VAC
- Energy saving with comfort and economy modes and automatics fan speeds switching for fan coil models
- Base unit IP 20, Operation terminal IP 30
- Master/slave options. 1 operation terminal may drive up to 8 base units.

Model	Functions & Variations	Features
OPA-Dx* OPA-Dx-D	**Operation terminal for TLR** Different operation terminals for different base units Dx* = D5, D5F, D41, D5P -D = deluxe version	1 internal temperature sensor -D: with backlight, real time clock and time schedules
TLR-D5-24 TLR-D5-230	**Fan coil controller, base unit** 4-pipe fan coil control	3 relays outputs for fan 2 relays output for valve 1 external sensor input
TLR-D5F-24 TLR-D5F-230	**Fan coil controller for floating valve, base unit** 2-pipe PI-fan coil control	3 relays outputs for fan 2 TRIAC output for floating actuator 1 external sensor input
TLR-D41-24 TLR-D41-230	**Fan coil controller for modulating valve, base unit** 2-pipe PI-control, fan coil control	3 binary outputs (relays) for fan 1 binary output (relays) for valve 1 0 – 10 V output for modulating actuator 1 external sensor input
TLR-D5P-24 TLR-D5P-230	**Package unit controller, base unit** 4-pipe package unit control	1 binary outputs (relays) for fan 4 binary outputs (relays) for heating / cooling stages or reversing valves 1 external sensor input
TLR Variations:	-24 = 24 VAC/DC -230 = 230 VAC	Power supply 24 VAC or VDC (except for TLR-D5F-24) Power supply 230 VAC
OPR-1	**Infrared remote controller**	Infrared remote controller for deluxe version



MZ3-V11 blue

TCT-MZ



MZ3-V 11 black

Controller & positioner for comfort ventilation

Positioner and controller for comfort ventilation with touch panel.

- Design according to Feller EDIZIOdue®
- Manual operation with 4 steps, OFF or minimum air, 1st step, 2nd step, maximum air
- AUTO operation, the controller activates the ventilation based on an input and a controls curve. The controls curve may be adjusted.
- Touch activated
- Automatic reset of the maximum air level
- Password protected controls settings
- One 0…10 VDC controls output to control the ventilation system
- One 0…10 VDC input to measure CO2 or other sensors

Model	Variations	Features
	Controller & Positioner for comfort ventilation	Compact positioner/controller in a Feller EDIZIOdue® frame, with each one 0-10 VDC in- and output for CO2 snesor. Operation as 4-step switch with touch panel and AUTO function.
MZ3-V11-T4-W	2 color LED, white frame, without lettering	
MZ3-V11-T4-S	2 color LED, black frame, without lettering	
MZ3-V11-B1-T4-W	Blue LED, white frame, lettering: Minimum, Stufe I, Stufe II, Maximum	
MZ3-V11-B-T4-W	Blue LED, white frame, lettering: Minimum, Mittel, Maximum, Party	
	Touch - LCD positioner for comfort ventilation	Compact positioner , designed for installation in a Feller EDIZIOdue® frame.
TCT-MZ	Without frame and control feature	
TCT-MZ-D	With real time clock and power backup	
AMM-ED-W	**Frame & Mounting plate**	Feller EDIZIOdue® frame white & mounting plate for TCT-MZ(-D).
TCY-MZ TCY-MZ-D	**LCD positioner for comfort ventilation** with real time clock and power backup	Conventional flush mounted positioner with 2 analog outputs to control supply and return air channels.

TCY

TDC

TEM-TEF

Single loop temperature and humidity controls

TCY types are compact binary or PI humidity or temperature controllers for flush mounting. TDC-BH is a duct mounted humidistat. TCY-MZ is a compact positioner for comfort ventilation. TEF and TEM are surface mounted PI-temperature controllers.

- Large LCD display on operation for TCY, TDC
- Programmable user and expert parameters
- Low power consumption of 1 W
- AC 24 V 50/60 Hz
- Deluxe version with backlight, clock and infrared remote control possibilities
- Energy saving with comfort and economy modes and automatics fan speeds switching for fan coil models
- Set point limitations
- IP 30
- Special functions including frost protection, comfort/economy mode change based on temperature input and more.

Model	Functions & Variations	Features
TCY-BH	**Humidistat wall mounted** Binary humidifying or dehumidifying with optional fan support	2 binary outputs (relays) 1 internal humidity sensor, accuracy 5 % 1 external temperature sensor input
TDC-BH	**Humidistat duct mounted** Binary humidifying or dehumidifying with optional fan support	2 binary outputs (relays) 1 internal humidity sensor, accuracy 5 % 1 external temperature sensor input
TCY-MT2	**PI-temperature controller** 2-pipe PI-temperature control for modulating actuators	1 AO 0 - 10 VDC 1 internal temperature sensor 2 external passive inputs
TCY-MT4	**PI-temperature controller** 4-pipe PI-temperature control for modulating actuators	2 AO 0 - 10 VDC 1 internal temperature sensor 1 external passive input
TCY-FT2	**PI-temperature controller** 2-pipe PI-temperature control for floating actuators	2 TRIAC outputs for one 3-state valve 1 internal temperature sensor 2 external passive inputs
TCY-FT4	**PI-temperature controller** 4-pipe PI-temperature control for floating actuators	4 TRIAC outputs for two 3-state valves 1 internal temperature sensor 1 external passive input
TCY-MZ2	**Positioner for comfort ventilation** Positioning for ventilation systems -D: with time schedule and backlight	2 analog outputs, 1 external passive input
TEM	**2-pipe PI-universal controller** Universal surface mounting PI-universal control	1 AO 0 - 10 VDC/ 1 AI 0 – 10 VDC 1 internal temperature sensor 1 external passive input
TEF	**2-pipe PI-controller for floating output or 4-pipe binary control** Universal surface mounting	2 binary outputs (relays) 1 internal temperature sensor 1 external passive input

TCI-W

TCI-C

Universal controls, TCI Series

TCI series controllers are compact universal single and dual loop PI-controllers for flush wall or cabinet mounting.

- Universal controllers with up to two control loops
- Programmable user and expert parameters
- Low power consumption of 1 W
- AC/DC 24 V 50/60 Hz
- -C2x or –W2x version with backlight, clock and times schedules
- Free assignable inputs and outputs
- Energy saving with comfort and economy modes
- Set point limitations
- IP 30
- Advanced control functions including alarms with configurable action at alarm state, cascading control loops, manual override of analog outputs and more
- Special functions for remote enable/disable, remote heating/cooling change and more

Model	Variations	Features
TCI-W11 TCI-W11-H	**Universal controller wall mounted** Single loop controller with PI- and binary sequences -H = int humidity sensor with accuracy 3 %	1 universal input (NTC, VDC, mA) 2 binary outputs (relays) 1 analog output (VDC, mA)
TCI-W13 TCI-W13-H	**Universal controller wall mounted** Single loop controller with PI- and binary sequences -H = int humidity sensor with accuracy 3 %	1 universal input (NTC, VDC, mA) 1 binary output (relays) 2 analog outputs (VDC, mA)
TCI-W22 TCI-W22-H	**Dual loop universal controller wall mounted** Dual loop controller with PI- and binary sequences -H = int humidity sensor with accuracy 3 %	2 universal inputs (NTC, VDC, mA) 2 binary outputs (relays) 1 analog output (VDC, mA)
TCI-W23 TCI-W23-H	**Dual loop universal controller wall mounted** Dual loop controller with PI- and binary sequences -H = int humidity sensor with accuracy 3 %	1 universal input (NTC, VDC, mA), one passive input (NTC) 1 binary output (relays), 2 analog outputs (VDC, mA)
TCI-C11	**Universal controller cabinet mounted** Single loop controller with PI- and binary sequences	2 universal inputs (NTC, VDC, mA) 2 binary outputs (relays), 1 analog output (VDC, mA)
TCI-C13	**Universal controller cabinet mounted** Single loop controller with PI- and binary sequences	2 universal inputs (NTC, VDC, mA) 2 TRIAC outputs, 1 analog output (VDC, mA)
TCI-C14	**Universal controller cabinet mounted** Single loop controller with PI- and binary sequences	2 universal inputs (PT1000/NI1000, VDC, mA) 2 binary outputs (relays), 1 analog output (VDC, mA)
TCI-C15	**Universal controller cabinet mounted** Single loop controller with PI- and binary sequences	2 universal inputs (PT1000/NI1000, VDC, mA) 2 binary outputs (TRIAC), 1 analog output (VDC, mA)
TCI-C22	**Dual loop universal controller cabinet mounted** Dual loop controller with PI- and binary sequences	4 universal inputs (NTC, VDC, mA) 2 binary outputs (relays), 2 analog outputs (VDC, mA)
TCI-C24	**Dual loop universal controller cabinet mounted** Dual loop controller with PI- and binary sequences	4 universal inputs (PT1000/NI1000, VDC, mA) 2 binary outputs (relays), 2 analog outputs (VDC, mA)
TCI-C25	**Dual loop universal controller cabinet mounted** Dual loop controller with PI- and binary sequences	4 universal inputs (PT1000/NI1000, VDC, mA) 2 binary outputs (TRIAC), 2 analog outputs (VDC, mA)
AMM-2	**Mounting kit for front panel mounting**	

TCX2-OP

TCI2-OP

Universal controls, TCX2 Series

TCX2 series controllers are communicating universal multiple loop PI-controllers for cabinet mounting. OPA2 is the remote operation terminal for the TCX2 type of products.

- Universal controller with up to four control loops
- Programmable user and expert parameters
- Communicating with BACnet MS/TP and MODBUS
- RS485 communication
- Copy parameter sets with the AEC-PM1 memory plug-in
- Free heating or cooling with economizer function based on enthalpy or temperature
- Set point limitations
- Time schedule, clock with backup for 40863 type
- Optional integrated operation terminal for -40863 type
- Advanced control functions including alarms with configurable action at alarm state, cascading control loops, manual override analog outputs and more
- Special functions for remote enable/disable, remote heating/cooling change and more

Model	Variations	Features
TCX2-40863(-OP) TCX2-40863(-OP)-BAC TCX2-40863(-OP)-MOD	**Universal controller cabinet mounted** 4 control loops with PI- and binary sequences -OP: integrated operation terminal Power supply: 24VAC/DC	8 universal inputs (NTC, VDC, mA) 6 binary outputs (relays) 3 analog outputs (VDC, mA)
TCX2-23343-MOD TCX2-23343-BAC	**Dual loop controller cabinet mounted** 2 control loops with PI- and binary sequences Power supply: 24VAC/DC	Ideal for VAV zone control 3 analog inputs (VDC), three passive inputs (NTC) 4 Binary outputs (relays), three analog outputs (VDC)
TCX2-14050-MOD TCX2-14050-BAC	**Single loop controller cabinet mounted** 1 control loop with PI- and binary sequences Power supply: 24VAC/DC	Ideal for fan coil applications 4 passive inputs (NTC) 5 binary outputs (relays)
TCX2-24273-24 TCX2-24273-24-MOD TCX2-24273-24-BAC TCX2-24273-230 TCX2-24273-230-MOD TCX2-24273-230-BAC	**Dual loop controller cabinet mounted** 2 control loops with PI- and binary sequences -BAC: Communication for BACnet® MS/TP -MOD: Communication for Modbus -24: 24 VAC power supply -230: 230 VAC power supply	Ideal for zoning and general applications 4 passive inputs (NTC) 2 analog inputs (VDC) 4 binary outputs (relays 2 A) 1 binary output (relays 10 A) 2 TRIAC outputs (24 VAC switching to GND) 230 VAC types with 5 VA 24 VAC output
TCI2-204202U	**Dual loop controller cabinet mounted** 2 control loops with PI- and binary sequences -BAC: Communication for BACnet® MS/TP -MOD: Communication for Modbus -24: 24 VAC power supply -230: 230 VAC power supply	Compact and power ful 4 unitversal inputs (NTC, PT1000/NI1000, VDC, mA) 2 analog outputs (VDC, mA) 2 TRIAC or 2 Relays outputs Line voltage (100-250VAC) or 24V power supply
AEX-MOD	**Modbus Plug-in for TCX2**	For Modbus slave communication
AEX-BAC	**BACnet Plug-in for TCX2**	For BACnet® MS/TP communication
AEC-PM1	**Parameter memory backup for TCX2** Plug-in device to copy configuration of TCX2	Holds four parameter sets of TCX2
AEC-USB-01	**RS485 – USB interface**	Needed for parameter exchange with EasySet

SDC2

SDC2-OP

OPT1-FA

OPT1-FU

Controller and sensor, SDC2-Series, OPT1 operation terminal

New controller and sensor with communications capabilities. New operation terminal with RH and temperature sensor with one passive and one active input.

SDC2:

- Stand alone, MODBUS or BACnet communication
- integrated operation terminal with LCD display option
- Identical control logic as TCX2.
- Programmable using EasySet
- Possible to connect external operating terminal

Operating terminal OPT1:

- Modular concept allows for flexible mounting
- Independent frame simplifies customization
- Sufficient space for client logo if required

Model	Variations	Features
SDC2-16-C-200.101U SDC2-16-Q-200.101U SDC2-16-T-200.101U	**Transmitter/controller for duct mounting** CO2 sensor VOC sensor Temperature sensor	2 control loops, 8 alarms 1 Relays SPDT, 1 AO 0-10V/4-20mA
SDC2-16-TH-201.102U SDC2-16-CQ-201.102U SDC2-16-THC-201.102U SDC2-16-THQ-201.102U SDC2-16-THCQ-201.102U	Temperature & humidity sensor CO2 & VOC sensor Temperature, humidity and CO2 sensor Temperature, humidity and VOC sensor Temperature, humidity, VOC and CO2 sensor	2 control loops, 8 alarms 1 Relays SPDT, 2 AO 0-10V/4-20mA 1 passive input
-MOD -BAC -OP	with Modbus communication with BACnet communication with integrated operation terminal	
OPT1-F-TNV-VC OPT1-F-HTNV-VC	**Touch-operation terminal for TCX2** 1 temperature sensor w/o frame 1 temperature and humidity sensor w/o frame	With peer to peer RS485 communication, 1 external passive and 1 voltage input. Option to order with frame pre-assembled.
AMM-AD-W AMM-UD-W	**Frame and mounting plate for OPT1** For square connection box For 2x4 in connection box . Horizontal and vertical mounting option	
OPA2-VC	**Operation terminal for TCX2** RS485 communication with TCX2	1 internal temperature sensor
OPA2-2T-VC OPA2-2TH-VC	**Operation terminal for TCX2** With RH sensor 3 % accuracy	1 internal temperature and RH sensor 2 passive inputs (NTC or open contact)

GSM-100-DSA

GSM-1000-BMX

GSM 2000-SMP

Webserver / Gateway / router / HMI

New gateways with great features

- ▲ Fully programmable
- ▲ Webserver
- ▲ Great graphics
- ▲ Including templates for easy integration
- ▲ xxx
- ▲ xxx
- ▲ xxx
- ▲ xxx

Model	Variations	Features
GSM-1000-BMX	Gateway server medium Free programmable. No license required.	Up to 35 BACnet devices to a BACnet/IP or BACnet Ethernet backbone. With 2 Ethernet and 1 RS485 interface.
GSM-2000-SMP	Cabinet mounted gateway server HMI Easy to configure webserver. Predefined structure, free programmable graphics. Easy integration of controller	Supports LON works, Modbus 485/TCP, BACnet/IP and BACnet MS/TP RS485 integration of MODBUS and BACnet only with accessory
AEC-SMP-MOD AEC-SMP-BAC	Modbus RS485 interface for GSM-2000-SMP BACnet MS/TP RS485 interface for GSM-2000-SMP	
GSM-DSA GSM-100-DSA GSM-1500-DSA	Cabinet mounted gateway DSA server With embedded DGLUX5 licensed for 100 topics With embedded DGLUX5, licensed for 1500 topics	Supports Modbus TCP, BACnet/IP and many more Linux operating system, 4 USB, 1 Ethernet port Browser based programming RS485 support for MS/TP or Modbus possible with USB-RS485 interface.
AEC-USB-01	RS485 – USB interface	Use with EasySet or for GSM-DSA RS485 communication


S-T


SD-T


SDB-T


SOD-T


SRA-T

Temperature sensors, S-T, SD-T, SDB-T, SOD-T, SRA-T

Passive temperature sensors for a large variety of installation options and applications.

- NTC, PT1000 and NI1000 elements
- Rigid housing
- IP 65 for SOD-T, SDB-T, S-T and IP 30 for SRA-T
- AMI immersion well for pipe applications (duct sensors)
- Large selection of sensing element types and curves
- Cable gland or conduit connectors for SDB and SOD
- Special elements or probe design available upon request

Model	Variations	Features
S-Txx*-2	**Flying lead temperature sensor** -2 = 2 m cable -Txx* = see probe selection	Passive temperature sensor
SC-Txx*-2	**Flying lead contact sensor** -2 = 2 m cable -Txx* = see probe selection	Passive temperature sensor for contact mounting on pipes
SD-Txx*-12-2 SD-Txx*-20-2	**Flying lead duct temperature sensor** Probe length = 12 cm Probe length = 20 cm -2 = 2 m cable -Txx* = see probe selection	Passive temperature sensor for duct mounting
SDB-Txx*-12 SDB-Txx*-20	**Duct temperature sensor** Probe length = 12 cm Probe length = 20 cm -Txx* = see probe selection	Passive temperature sensor for duct mounting with conduit connector
SOD-Txx*	**Outdoor temperature sensor** -Txx* = see probe selection	Passive temperature sensor for outdoor mounting with conduit connector
SRA-Txx*	**Indoor temperature sensor** -Txx* = see probe selection	Passive temperature sensor for indoor mounting

*Probe selection (-Txx)

-Txx	Sensing element	Features
-Tn3	NTC 3 kΩ at 25 °C	B35/50: 3935
-Tn10	NTC 10 kΩ at 25 °C	B35/50: 3935
-Tn11	NTC 10 kΩ at 25 °C	B35/50: 3630
-Tn20	NTC 20 kΩ at 25 °C	B35/50: 4200
-Tn100	NTC 100 kΩ at 25 °C	B35/50: 4200
-Tp1	PT100	EN 60751
-Tp2	PT1000	EN 60751
-Tk5	NI1000	5000 ppm/K


SRC


SDC


SOC


AES


OPA-S


OPC-S

Temperature and humidity transmitters, SRC, SDC, SOC

Active temperature and humidity transmitter for a large variety of installation options and applications.

- 3-wire transmitters with selectable 0/2 – 10 V or 0/4 – 20 mA outputs ranges
- Rigid housing
- Duct (SDC) and outdoor (SOC) transmitters have IP 54 housings- IP 63 with AMS-1 weather shield. Room transmitter (SRC) is IP 30.
- 5 %, 3 % or 2 % humidity accuracy
- Cable gland or conduit connectors for SDC and SOC
- Programmable output signal and temperature sensing ranges, plus min. and max value memory, with OPA-S remote or OPC-S integrated display/programming terminal.
- AMI immersion well for pipe applications (for duct temperature transmitters)

Model	Variations	Features
SRC-T1 SRC-H1 SRC-H1T SRC-H1T1 SRC-C1	**Transmitter for indoor mounting** Temperature transmitter Humidity transmitter Humidity transmitter with probe Temperature and humidity transmitter Indoor CO2 transmitter: 0 - 2000 ppm	Programmable transmitter 3-wire connection Output signal selectable with jumper (VDC, mA). Options: - Accuracy RH sensor (2, 3, 5 %, default 3 %) - OPA-S remote display
SDC-T1-x SDC-H1-x SDC-H1T-x SDC-H1T1-x SDC-C1	**Transmitter for duct mounting** Temperature transmitter Humidity transmitter Humidity transmitter with probe Temperature and humidity transmitter Duct CO2 transmitter: 0 – 2000 ppm -x = probe length: -8 = 8 cm -16 = 16 cm -24 = 24 cm (only for SDC-T1)	Programmable transmitter 3-wire connection Output signal selectable with jumper (VDC, mA) Options: - Accuracy RH sensor (2, 3, 5 %, default 3 %) - Conduit connector or cable gland - OPC-S display option
SOC-T1 SOC-H1 SOC-H1T SOC-H1T1	**Transmitter for outdoor mounting** Temperature transmitter Humidity transmitter Humidity transmitter with probe Temperature and humidity transmitter	Programmable transmitter 3-wire connection Output signal selectable with jumper (VDC, mA). Options: - Accuracy RH sensor (2, 3, 5 %, default 3 %) - Conduit connector or cable gland, - OPC-S display option - AMS-1 weather shield

SDA-P

SCC-T1-Tp2

OPA-S

OPC-S

Differential pressure & PT1000 transmitter

The SDE-P is a compact dynamic pressure transmitter with high sensitivity. The SDA-P is a static differential pressure transmitter. Both transmitters come with programmable output range and min max memory.
The SCC-T1-Tp2 is a programmable accurate signal converter for PT1000 sensing elements.

- 3-wire transmitters with voltage and current outputs
- Rigid housing
- Remote display
- Cable gland or conduit connectors for SCC
- Programmable with OPC-S and OPA-S min. / max memory
- Integrated display for SCC with OPC-S

Model	Variations	Features
SDE-P1 SDE-P2	**Differential pressure transmitter** Pressure range: 0...25 Pa 0...500 Pa	Programmable transmitter 3-wire connection Output signal: VDC Options: - OPA-S remote display
SDA-P1 SDA-P2 SDA-P3 SDA-P4 SDA-P5	**Differential pressure transmitter** Pressure range: 0...300 Pa 0...500 Pa 0...1 kPa 0...3 kPa 0...5 kPa	Programmable transmitter 3-wire connection Output signal selectable with jumper (VDC, mA) Options: - OPA-S remote display
SCC-T1-Tp2	**PT1000 signal converter** Conversion range -40…+400 °C	Signal converter for a PT1000 input signal. Conversion to voltage or current signal, selectable with jumper Options: - AMC-1 cable gland - AMC-2 conduit connector - OPC-S integrated display - OPA-S remote display
OPC-S	**Integrated display and programming unit** Used for SCC, SDC, SOC transmitters	Plug-in to transmitter to display min. / max. values, current values and to program input and output ranges
OPA-S	**Remote display and programming unit** Used for SDA, SDC, SOC, SRC transmitters	Plug-in to transmitter to display min. / max. values, current values and to program input and output ranges
OPA2-MOD(-H)	**Universal operation terminal for Modbus** The OPA2-MOD is a universal operation terminal for RS485 Modbus communication -H: humidity sensor	2 passive inputs 1 internal temperature sensor 1 optional internal humidity sensor


AMC-1


AMC-2


AMI


AMS-1


AES


OPR-1


AEC-PM1

Accessories

- AMI immersion well for pipe applications (duct sensors and temperature transmitters)
- Cable gland or conduit connectors for SDB and SOD
- Flush mounting box for TCY, TLC-FCR series
- Wall mounting box for TCI-W, TCY, TLC-FCR series
- Compact condensation monitor AER-HL1
- Infrared remote controller OPR-1
- Humidity and temperature sensing elements
- Plug-in modules

Model	Variations	Features
AMI-S5(-1)(-2) AMI-S10(-1)(-2) AMI-S20(-1)(-2) AMI-S40(-1)(-2)	**Stainless Steel pocket** Length 5 cm Length 10 cm Length 20 cm Length 40 cm	Stainless steel pocket with fixing screw For immersion mounting of SD-T or SDB-T -1 with ½" NPT thread -2 with ½"BSP thread, NEW!
AMC-1 AMC-2	**Cable gland** **Conduit connector**	Cable gland and conduit connector needed for SDC and SOC, SCC
AMS-1	**Weather shield for SOC, SDC**	Option for SOC-H1, H1T, H1T1, T1
AMB-001 AMB-005	**Flush mounting box** **Wall mounting box**	
OPR-1	**Infrared remote controller**	Infrared remote controller for Deluxe types fan coil controller
AER-D13	**Converter AO-DO**	AO-DO converter 1 AO to 3 DO adjustable switching point
AER-HL1 AER-HL1-2	**Condensation monitor for chilled beams, cool ceilings, etc. to prevent condensation**	Compact device to switch a relays, if humidity exceeds 90 % RH, reactivates when RH falls below 85 % Device is programmable with min-max memory
AES3-HT-A5 AES3-HT-A3 AES3-HT-A2	**Humidity sensing element: needed for –H1, -H1T1** **NEW GENERATION** AES1 is still available	5 % accuracy 3 % accuracy 3 % accuracy 2 % accuracy
AES3-HTn3-A3 AES3-HTn10-A3 AES3-HTn11-A3 AES3-HTn20-A3 AES3-HTn100-A3	**Humidity sensing element for –H1T transmitters** NTC 3 kΩ at 25 °C NTC 10 kΩ at 25 °C NTC 10 kΩ at 25 °C NTC 20 kΩ at 25 °C NTC 100 kΩ at 25 °C	3 % accuracy B35/50: 3935 B35/50: 3935 B35/50: 3630 B35/50: 4200 B35/50: 4200
AES3-HTp1-A3 AES3-HTp2-A3 AES3-HTk5-A3	PT100 PT1000 NI1000	EN 60751 EN 60751 5000 ppm/K



Vector Controls – your reliable partner

Customer groups	Experiences
Building owners and managers	**„Reduced operating costs, increased life quality"** ▲ Automatic switching of occupied/unoccupied modes, heating/cooling, and set point shifts based on 7-day programmable time schedules, remote temperature or occupancy sensor input. ▲ Password-protected control settings – no need for unattractive thermostat covers. ▲ Customizable minimum and maximum set points and mode shift levels save energy. ▲ Large customizable LCD display and attractive housings appropriate for any décor.
Distributors	**„Less inventory, more applications, clear sales channels, competitive pricing"** ▲ The Vector Controls parameter-setting system allows one product to cover a wide range of applications, so you can keep stock levels down and turn-over up. ▲ Simple parameter-based configuration that walk-in customers can apply quickly and accurately to suite their applications. ▲ Full range of controllers and sensors. ▲ Competitive pricing and clear sales channels make Vector a reliable long term business partner.
Contractors	**„A solid product line I can count on"** ▲ A complete range of robust, accurate controllers and sensors that cover most HVAC applications – From VAV to air handling to radiant systems; temperature, humidity and pressure control. ▲ Wall and cabinet mounted controllers with sophisticated easy-to-implement PI control features with no separate configuration tools required. ▲ Simple parameter-based configuration that walk-in customers can apply quickly and accurately to suite their applications.
Manufacturers	**„Reliable technology with a long-term partnership"** ▲ The Vector product platform is well suited to customization at large as well as medium volume levels. ▲ The Vector Controls engineering team in Switzerland provides professional assistance in developing creative solutions to product and engineering challenges. ▲ Parameter-based configuration offers easy flexibility for basic and complex applications. ▲ A ten-year record of success working with OEMs world-wide plus two-year warranty makes Vector a logical partner for controls and sensors.

Reliable, Flexible, Affordable -

Worldwide

Quality - Innovation - Partnership

Vector Controls GmbH

Poststrasse 20,
CH-8620 Wetzikon,
Switzerland

Tel: +41 41 740 60 50
Fax: +41 41 740 60 51

info@vectorcontrols.com
www.vectorcontrols.com