



Heating, Ventilation & Air Conditioning

SOLUTIONS

An optimal climate through ideally installed and adjusted building controls equipment does not only save energy and cost, but also increases living comfort at home and efficiency at work.

Talk to us!


- ▲ Your Supplier Of Choice For:
Building automation controls and sensing equipment
- ▲ Talk to us for bulk packaging and other special requests
such as specific parameter settings and OEM requests.
- ▲ Please observe notes on the index page!
- ▲ Please observe standard terms and conditions on last page!


Vector Controls controller and sensing equipment


	TLC-Series Compact Binary and Fan Coil Controls	3
	TLR-Series fan coil & package unit controls, Cabinet mounted base, surface mounted terminal	4
Controls	TCY-Series Compact PI Temperature Controls, TCY and TDC-Series On-Off Humidity Controls	5
Equipment	TCY3-Series Compact PI Dual Loop Temperature, Humidity and Universal Controls	6
	TCI-Series Compact PI Universal Controls	7
	TCX2-Series Cabinet mounted PI Universal Controls	8
	S- & SD-Series Flying Lead Temperature Sensors	9
Sensing	SRA, SDB- & SOB-Series Indoor-, Duct- and Outdoor Temperature Sensors	10
Equipment	SRC-, SDC & SOC-Series Indoor, Duct- and Outdoor Temperature & Humidity Transmitter	11
	SDA-P & SCC Pressure and PT1000 Transmitter	12
Accessories	Accessories for controls and sensing equipment	13
	Spring return zone valves	14
Valves	ON/OFF and three state ball valves	15
Terms	General Terms of Sale and Warranty	16

TLC-Series Compact Binary and Fan Coil Controls

- ▲ LCD display
- ▲ Programmable user and expert parameters
- ▲ Low power consumption of 1W
- ▲ Flush mounting (60 x 50 x 30mm, 2.4x2.0x1.2")
- ▲ AC230V 50/60 Hz
- ▲ Relays switching for outputs each up to 300W
- ▲ Energy saving with standby functionality
- ▲ Set point limitations
- ▲ IP30
- ▲ Housing color white

Housing	Model #	Article #	Options	Features	List
	TLC-BCR	40-100001	Standard	Binary controller, Wall flush mounted	\$ 69,20
	TLC-BCR-D	40-100002	Deluxe	int temperature input, 2 DO	\$ 88,40
	TLC-BCR-T	40-100005	Standard	Binary controller, Wall flush mounted	\$ 71,60
	TLC-BCR-T-D	40-100006	Deluxe	int & ext temperature input, 2 DO	\$ 90,80
	TLC-FCR	40-100009	Standard	Fan coil controller, Wall flush mounted	\$ 74,00
	TLC-FCR-W01	40-100009-01	cooling only	int temperature input, 4 DO	\$ 93,20
	TLC-FCR-D	40-100010	Deluxe	2-pipe system	
	TLC-FCR-D-W01	40-100010-01	cooling only		
	TLC-FCR-T	40-100013	Standard	Fan coil controller, Wall flush mounted	\$ 76,40
	TLC-FCR-T-W01	40-100013-01	cooling only	int & ext temperature input, 4 DO	\$ 95,50
	TLC-FCR-T-D	40-100014	Deluxe	2 pipe system	
	TLC-FCR-T-D-W01	40-100014-01	cooling only		
TLC-FCR-2	40-100017	Standard	Fan coil controller, Wall flush mounted	\$ 76,40	
TLC-FCR-2-W01	40-100017-01	cooling only	int & ext temperature input, 5 DO	\$ 95,50	
TLC-FCR-2-D	40-100018	Deluxe	2 and 4 pipe system		
TLC-FCR-2-D-W01	40-100018-01	cooling only			

	TLC-BCR-U	40-100003	Standard	Binary controller, Wall flush mounted	\$ 69,20
	TLC-BCR-U-D	40-100004	Deluxe	int temperature input, 2 DO	\$ 88,40
	TLC-BCR-T-U	40-100007	Standard	Binary controller, Wall flush mounted	\$ 71,60
	TLC-BCR-T-U-D	40-100008	Deluxe	int & ext temperature input, 2 DO	\$ 90,80
	TLC-FCR-U	40-100011	Standard	Fan coil controller, Wall flush mounted	\$ 74,00
	TLC-FCR-U-W01	40-100011-01	cooling only	int temperature input, 4 DO	\$ 93,20
	TLC-FCR-U-D	40-100012	Deluxe	2-pipe system	
	TLC-FCR-U-D-W01	40-100012-01	cooling only		
	TLC-FCR-T-U	40-100015	Standard	Fan coil controller, Wall flush mounted	\$ 76,40
	TLC-FCR-T-U-W01	40-100015-01	cooling only	int & ext temperature input, 4 DO	\$ 95,50
	TLC-FCR-T-U-D	40-100016	Deluxe	2 pipe system	
	TLC-FCR-T-U-D-W01	40-100016-01	cooling only		
TLC-FCR-2-U	40-100019	Standard	Fan coil controller, Wall flush mounted	\$ 76,40	
TLC-FCR-2-U-W01	40-100019-01	cooling only	int & ext temperature input, 5 DO	\$ 95,50	
TLC-FCR-2-U-D	40-100020	Deluxe	2 and 4 pipe system		
TLC-FCR-2-U-D-W01	40-100020-01	cooling only			

	OPR-1	40-500001		Remote Control device with LCD and clock only works with -D devices	\$ 29,90
---	-------	-----------	--	---	----------

TLR-Series fan coil & package unit controls, Cabinet mounted base, surface mounted terminal

- ▲ LCD display
- ▲ Programmable user and expert parameters
- ▲ Base & Terminal
- ▲ Terminal surface mounted, Base cabinet mounted
- ▲ AC230V or AC24V 50/60 Hz
- ▲ High switching power for each relay outputs up to 6 (4)A
- ▲ Energy saving with standby mode and set point limitations
- ▲ Demand based automatic 3-speed fan switching for fan coil
- ▲ IP30
- ▲ Terminal housing color white

Housing	Model #	Article #	Options	Features	List
	TLR-D5-24	40-110001	Standard	Fan coil controller, Base and Terminal	\$ 143,40
	TLR-D5-24-W01	40-110001-01	cooling only	int & ext temperature input, 5 DO	
	TLR-D5-24-D	40-110002	Deluxe	On - Off control, 2- and 4-pipe systems	\$ 158,80
	TLR-D5-24-D-W01	40-110002-01	cooling only	24VAC power supply	
	TLR-D5-230	40-110003	Standard	Fan coil controller, Base and Terminal	\$ 155,20
	TLR-D5-230-W01	40-110003-01	cooling only	int & ext temperature input, 5 DO	
	TLR-D5-230-D	40-110004	Deluxe	On - Off control, 2- and 4-pipe systems	\$ 170,90
	TLR-D5-230-D-W01	40-110004-01	cooling only	230VAC power supply	
	TLR-D5F-24	40-110005	Standard	Fan coil controller, Base and Terminal	\$ 155,20
	TLR-D5F-24-W01	40-110005-01	cooling only	int & ext temperature input, 5 DO	
	TLR-D5F-24-D	40-110006	Deluxe	PI control, 2- pipe systems, floating output.	\$ 170,90
	TLR-D5F-24-D-W01	40-110006-01	cooling only	24VAC power supply	
	TLR-D5F-230	40-110007	Standard	Fan coil controller, Base and Terminal	\$ 167,30
	TLR-D5F-230-W01	40-110007 -01	cooling only	int & ext temperature input, 5 DO	
	TLR-D5F-230-D	40-110008	Deluxe	PI control, 2- pipe systems, floating output.	\$ 182,70
	TLR-D5F-230-D-W01	40-110008-01	cooling only	230VAC power supply	
	TLR-D41-24	40-110009	Standard	Fan coil controller, Base and Terminal	\$ 155,20
	TLR-D41-24-W01	40-110009-01	cooling only	int & ext temperature input, 4 DO, 1AO	
	TLR-D41-24-D	40-110010	Deluxe	PI control, 2- pipe systems, 0-10V output.	\$ 170,90
	TLR-D41-24-D-W01	40-110010-01	cooling only	24VAC power supply	
TLR-D41-230	40-110011	Standard	Fan coil controller, Base and Terminal	\$ 167,30	
TLR-D41-230-W01	40-110011-01	cooling only	int & ext temperature input, 4 DO, 1AO		
TLR-D41-230-D	40-110012	Deluxe	PI control, 2- pipe systems, 0-10V output.	\$ 182,70	
TLR-D41-230-D-W01	40-110012-01	cooling only	230VAC power supply		
TLR-D5P-24	40-110013	Standard	Package unit controller, Base and Terminal	\$ 143,40	
TLR-D5P-24-W01	40-110013-01	cooling only	int & ext temperature input, 5 DO		
TLR-D5P-24-D	40-110014	Deluxe	On - Off control 4- pipe systems	\$ 158,80	
TLR-D5P-24-D-W01	40-110014-01	cooling only	24VAC power supply		
TLR-D5P-230	40-110015	Standard	Package unit controller, Base and Terminal	\$ 155,20	
TLR-D5P-230-W01	40-110015-01	cooling only	int & ext temperature input, 5 DO		
TLR-D5P-230-D	40-110016	Deluxe	On - Off control 4- pipe systems	\$ 170,90	
TLR-D5P-230-D-W01	40-110016 -01	cooling only	230VAC power supply		







	TLR-D5-U-24	40-110044	Standard	Fan coil controller, Base and Terminal	\$ 143,40
	TLR-D5-U-24-W01	40-110044-01	cooling only	int & ext temperature input, 5 DO	
	TLR-D5-U-24-D	40-110045	Deluxe	On - Off control, 2- and 4-pipe systems	\$ 158,80
	TLR-D5-U-24-D-W01	40-110045-01	cooling only	24VAC power supply	
	TLR-D5F-U-24	40-110048	Standard	Fan coil controller, Base and Terminal	\$ 155,20
	TLR-D5F-U-24-W01	40-110048-01	cooling only	int & ext temperature input, 5 DO	
	TLR-D5F-U-24-D	40-110049	Deluxe	PI control, 2- pipe systems, floating output.	\$ 170,90
	TLR-D5F-U-24-D-W01	40-110049-01	cooling only	24VAC power supply	
	TLR-D41-U-24	40-110050	Standard	Fan coil controller, Base and Terminal	\$ 155,20
	TLR-D41-U-24-W01	40-110050-01	cooling only	int & ext temperature input, 4 DO, 1AO	
	TLR-D41-U-24-D	40-110051	Deluxe	PI control, 2- pipe systems, 0-10V output.	\$ 170,90
	TLR-D41-U-24-D-W01	40-110051-01	cooling only	24VAC power supply	
TLR-D5P-U-24	40-110046	Standard	Package unit controller, Base and Terminal	\$ 143,40	
TLR-D5P-U-24-W01	40-110046-01	cooling only	int & ext temperature input, 5 DO		
TLR-D5P-U-24-D	40-110047	Deluxe	On - Off control 4- pipe systems	\$ 158,80	
TLR-D5P-U-24-D-W01	40-110047-01	cooling only	24VAC power supply		

	OPR-1	40-500001		Remote Control device with LCD and clock only works with -D devices	\$ 29,90
--	-------	-----------	--	---	----------

	AER-D5-24	40-110017	24VAC	Base unit for TLR-D5-24	\$ 95,50
	AER-D5-230	40-110018	230VAC	Base unit for TLR-D5-230	\$ 107,50
	AER-D5F-24	40-110037	24VAC	Base unit for TLR-D5F-24	\$ 95,50
	AER-D5F-230	40-110038	230VAC	Base unit for TLR-D5F-230	\$ 107,50
	AER-D41-24	40-110019	24VAC	Base unit for TLR-D41-24	\$ 95,50
	AER-D41-230	40-110020	230VAC	Base unit for TLR-D41-230	\$ 107,50
	AER-D5P-24	40-110039	24VAC	Base unit for TLR-D5P-24	\$ 95,50
AER-D5P-230	40-110040	230VAC	Base unit for TLR-D5P-230	\$ 107,50	


TCY-Series Compact PI Temperature Controls, TCY and TDC-Series On-Off Humidity Controls


- ▲ LCD display
- ▲ Programmable user and expert parameters
- ▲ Low power consumption of 1W
- ▲ Flush mounting (Ø58 x 32mm, Ø2.3 x 1.3")
- ▲ AC/DC 24V
- ▲ For -BH products: replaceable Rh sensor with 5% accuracy.
- ▲ Energy saving with standby functionality
- ▲ Set point limitations
- ▲ IP30 for wall mounting, IP52 for duct mounting
- ▲ Housing color white

Housing	Model #	Article #	Options	Features	List
	TCY-MH	40-100041	Heating only	PI controller, Wall flush mounted	\$ 119,50
	TCY-MC	40-100039	Cooling only	int & ext temperature input, 1 AO 0-10VDC	\$ 119,50
	TCY-M2	40-100043	2-pipe system		\$ 119,50
	TCY-M4	40-100045	4-pipe system	PI controller, Wall flush mounted	\$ 143,40
	TCY-FC	40-100063	Heating only	int & ext temperature input, 2 AO 0-10VDC	\$ 119,50
	TCY-FH	40-100065	Cooling only	PI controller, Wall flush mounted	\$ 119,50
	TCY-F2	40-100067	2-pipe system	int & ext temperature input, 2 DO = 1 floating out	\$ 119,50
	TCY-F4	40-100071	4-pipe system	TRIACs	\$ 119,50
	TCY-BH	40-100057	Standard	PI controller, Wall flush mounted	\$ 143,40
	TCY-BH-W04	40-100057-4	humidifying	int & ext temperature input, 4 DO = 2 floating out	\$ 143,40
TCY-BH-W05	40-100057-5	de-humidifying	2DO Relays, 1 ext temperature optional fan support	\$ 143,40	
TCY-BH-D	40-100058	Deluxe	On - Off humidistat wall mounted	\$ 167,30	
TCY-BH-D-W04	40-100058-4	humidifying	2DO Relays, 1 ext temperature optional fan support	\$ 167,30	
TCY-BH-D-W05	40-100058-5	de-humidifying	optional fan support	\$ 167,30	
	TDC-BH	40-100061	Standard	On - Off humidistat duct mounted	\$ 179,10
	TDC-BH-W04	40-100061-4	humidifying	2DO Relays, 1 ext temperature optional fan support	\$ 179,10
	TDC-BH-W05	40-100061-5	de-humidifying	optional fan support	\$ 179,10
	TDC-BH-D	40-100059	Deluxe	On - Off humidistat duct mounted	\$ 203,00
	TDC-BH-D-W04	40-100059-4	humidifying	2DO Relays, 1 ext temperature optional fan support	\$ 203,00
TDC-BH-D-W05	40-100059-5	de-humidifying	optional fan support	\$ 203,00	
	TCY-MH-U	40-100042	Heating only	PI controller, Wall flush mounted	\$ 119,50
	TCY-MC-U	40-100040	Cooling only	int & ext temperature input, 1 AO 0-10VDC	\$ 119,50
	TCY-M2-U	40-100044	2-pipe system		\$ 119,50
	TCY-M4-U	40-100046	4-pipe system	PI controller, Wall flush mounted	\$ 143,40
	TCY-FC-U	40-100064	Heating only	int & ext temperature input, 2 AO 0-10VDC	\$ 119,50
	TCY-FH-U	40-100066	Cooling only	PI controller, Wall flush mounted	\$ 119,50
	TCY-F2-U	40-100068	2-pipe system	int & ext temperature input, 2 DO = 1 floating out	\$ 119,50
	TCY-F4-U	40-100072	4-pipe system	TRIACs	\$ 119,50
	TCY-BH-U	40-100055	Standard	PI controller, Wall flush mounted	\$ 143,40
	TCY-BH-U-W04	40-100055-4	humidifying	int & ext temperature input, 4 DO = 2 floating out	\$ 143,40
TCY-BH-U-W05	40-100055-5	de-humidifying	2DO Relays, 1 ext temperature optional fan support	\$ 143,40	
TCY-BH-U-D	40-100056	Deluxe	On - Off humidistat wall mounted	\$ 167,30	
TCY-BH-U-D-W04	40-100056-4	humidifying	2DO Relays, 1 ext temperature optional fan support	\$ 167,30	
TCY-BH-U-D-W05	40-100056-5	de-humidifying	optional fan support	\$ 167,30	
	TDC-BH-U	40-100059	Standard	On - Off humidistat duct mounted	\$ 179,10
	TDC-BH-U-W04	40-100059-4	humidifying	2DO Relays, 1 ext temperature optional fan support	\$ 179,10
	TDC-BH-U-W05	40-100059-5	de-humidifying	optional fan support	\$ 179,10
	TDC-BH-U-D	40-100060	Deluxe	On - Off humidistat duct mounted	\$ 203,00
	TDC-BH-U-D-W04	40-100060-4	humidifying	2DO Relays, 1 ext temperature optional fan support	\$ 203,00
TDC-BH-U-D-W05	40-100060-5	de-humidifying	optional fan support	\$ 203,00	
	AES-HT-A5	40-500031-5	5% accuracy	Replacement humidity element	\$ 83,60
	TEM	40-100038	LED display	PI modulating controller, surface mounted	\$ 95,50
	TEF	40-100037		1AO 0-10VDC, int or ext temperature input 1AI 0-10V	\$ 95,50
				PI binary & floating controller surface mounted	\$ 95,50
				2DO relays, 1 int or ext temperature input	\$ 95,50

TCY3-Series Compact PI Dual Loop Temperature, Humidity and Universal Controls




- ▲ LCD display, Deluxe with backlight
- ▲ Programmable user and expert parameters
- ▲ Flush mounting (Ø58 x 32mm, Ø2.3 x 1.3")
- ▲ Infrared remote control with OPR-1
- ▲ AC/DC 24V
- ▲ Energy saving features
- ▲ Set point limitations
- ▲ 0-10VDC and 4-20mA selectable in-outputs
- ▲ Cascading, summer - winter compensation
- ▲ IP30

Housing	Model #	Article #	Options	Features	List
	TCY3-T0121R	40-100021	Standard	PI controller, Wall flush mounted	\$ 175,50
	TCY3-T0121R-W01	40-100021-01	Cooling only	int & ext TI, 1 AI, 1 AO, 2DO (Relays)	
	TCY3-T0121R-D	40-100022	Deluxe	Fits Ø60 EU connection boxes	\$ 200,70
	TCY3-T0121R-D-W01	40-100022-01	Cooling only		
	TCY3-T0121R-H	40-100025	Standard	PI controller, Wall flush mounted	\$ 284,20
	TCY3-T0121R-H-W04	40-100025-04	Humidifying	int & ext TI, 1 AI, 1 AO, 2DO (Relays)	
	TCY3-T0121R-H-W05	40-100025-05	De-Humidifying	int Humidity sensor	\$ 309,30
	TCY3-T0121R-H-D	40-100026	Deluxe	Fits Ø60 EU connection boxes	
	TCY3-T0121R-H-D-W04	40-100026-04	Humidifying	Fits Ø60 EU connection boxes	\$ 309,30
	TCY3-T0121R-H-D-W05	40-100026-05	De-Humidifying		
	TCY3-T0121T	40-100047	Standard	PI controller, Wall flush mounted	\$ 175,50
	TCY3-T0121T-W01	40-100047-01	Cooling only	int & ext TI, 1 AI, 1 AO, 2DO (TRIAC)	
	TCY3-T0121T-D	40-100048	Deluxe	Fits Ø60 EU connection boxes	\$ 200,70
	TCY3-T0121T-D-W01	40-100048-01	Cooling only		
	TCY3-T1102	40-100029	Standard	PI controller, Wall flush mounted	\$ 175,50
	TCY3-T1102-W01	40-100029-01	Cooling only	int & ext TI, 1 AI, 1DI, 2 AO	
TCY3-T1102-D	40-100030	Deluxe	Fits Ø60 EU connection boxes	\$ 200,70	
TCY3-T1102-D-W01	40-100030-01	Cooling only			
TCY3- T1102-H	40-100033	Standard	PI controller, Wall flush mounted	\$ 284,20	
TCY3- T1102-H-D	40-100034	Deluxe	int Humidity sensor		

	TCY3-T0121R-U	40-100023	Standard	PI controller, Wall flush mounted	\$ 175,50
	TCY3-T0121R-U-W01	40-100023-01	Cooling only	int & ext TI, 1 AI, 1 AO, 2DO (Relays)	
	TCY3-T0121R-U-D	40-100024	Deluxe	Fits 2 x 4" connection boxes	\$ 200,70
	TCY3-T0121R-U-D-W01	40-100024-01	Cooling only		
	TCY3-T0121R-H-U	40-100027	Standard	PI controller, Wall flush mounted	\$ 284,20
	TCY3-T0121R-H-U-W04	40-100027-04	Humidifying	int & ext TI, 1 AI, 1 AO, 2DO (Relays)	
	TCY3-T0121R-H-U-W05	40-100027-05	De-Humidifying	int Humidity sensor	\$ 309,30
	TCY3-T0121R-H-U-D	40-100028	Deluxe	Fits 2 x 4" connection boxes	
	TCY3-T0121R-H-U-D-W04	40-100028-04	Humidifying	Fits 2 x 4" connection boxes	\$ 309,30
	TCY3-T0121R-H-U-D-W05	40-100028-05	De-Humidifying		
	TCY3-T0121T-U	40-100049	Standard	PI controller, Wall flush mounted	\$ 175,50
	TCY3-T0121T-U-W01	40-100049-01	Cooling only	int & ext TI, 1 AI, 1 AO, 2DO (TRIAC)	
	TCY3-T0121T-U-D	40-100050	Deluxe	Fits 2 x 4" connection boxes	\$ 200,70
	TCY3-T0121T-U-D-W01	40-100050-01	Cooling only		
	TCY3-T1102-U	40-100031	Standard	PI controller, Wall flush mounted	\$ 175,50
	TCY3-T1102-U-W01	40-100031-01	Cooling only	int & ext TI, 1 AI, 1DI, 2 AO	
	TCY3-T1102-U-D	40-100032	Deluxe	Fits 2 x 4" connection boxes	\$ 200,70
	TCY3-T1102-U-D -W01	40-100032-01	Cooling only		
TCY3- T1102-H-U	40-100035	Standard	PI controller, Wall flush mounted	\$ 284,20	
TCY3- T1102-H-U-D	40-100036	Deluxe	int Humidity sensor		




TCI-Series Compact PI Universal Controls

- ▲ LCD display, Deluxe with backlight
- ▲ Programmable user and expert parameters
- ▲ TCI-W: Flush mounted (Ø58 x 32mm, Ø2.3 x 1.3")
- ▲ TCI-C: Cabinet mounted
- ▲ Power supply: AC/DC 24V
- ▲ Energy saving features
- ▲ 0-10VDC, 4-20mA selectable Outputs
- ▲ 0-10VDC, 4-20mA & NTC input selectable input
- ▲ Cascading, summer - winter compensation
- ▲ IP30

Housing	Model #	Article #	Options	Features	List
	TCI-W11	40-100073	Standard 1 loop	PI controller, Wall flush mounted int TI, 1 UI, 1 AO, 2DO (Relays)	\$ 167,30
	TCI-W22	40-100075	Deluxe 2 loops	PI controller, Wall flush mounted int TI, 2 UI, 1 AO, 2DO (Relays)	\$ 217,40
	TCI-W22-H	40-100077	Deluxe 2 loops	PI controller, Wall flush mounted int TI, 2 UI, 1 AO, 2DO (Relays) int Humidity sensor	\$ 326,10
	TCI-W11-U	40-100074	Standard 1 loop	PI controller, Wall flush mounted int TI, 1 UI, 1 AO, 2DO (Relays)	\$ 167,30
	TCI-W22-U	40-100076	Deluxe 2 loops	PI controller, Wall flush mounted int TI, 2 UI, 1 AO, 2DO (Relays)	\$ 217,40
	TCI-W22-H-U	40-100078	Deluxe 2 loops	PI controller, Wall flush mounted int TI, 2 UI, 1 AO, 2DO (Relays) int Humidity sensor	\$ 326,10
	TCI-C11-0	40-110060	Standard 1 loop	PI controller, Cabinet mounted 2 UI, 1 AO, 2DO (Relays)	\$ 234,10
	TCI-C13-0	40-110064	Standard 1 loop	PI controller, Cabinet mounted 2 UI, 1 AO, 2DO TRIAC)	\$ 267,60
	TCI-C22-0	40-110062	Deluxe 2 loops	PI controller, Cabinet mounted 4 UI, 2 AO, 2DO (Relays)	\$ 301,00

TCX2-Series Cabinet mounted PI Universal Controls




- ▲ -OP version with LCD display and backlight
- ▲ Programmable user and expert parameters
- ▲ Communicating with RS485 standard
- ▲ Upload and copying of parameters
- ▲ Power supply: AC/DC 24V
- ▲ Energy saving features
- ▲ 0-10VDC, 4-20mA selectable Outputs
- ▲ 0-10VDC, 4-20mA & NTC input selectable inputs
- ▲ Cascading, summer - winter compensation
- ▲ IP30

Housing	Model #	Article #	Options	Features	List
	TCX2-40863	40-110032	Standard	PI controller, Cabinet mounted, VCP communication	\$ 351,20
	TCX2-40863-OP	40-110036	int terminal	4 control loops, 8 UI, 4 Relays, 2 TRIAC, 3AO	\$ 434,80
	TCX2-20362-FC	40-110033		PI controller, Cabinet mounted, VCP communication	\$ 215,00
	TCX2-20350-FC	40-110035		2 control loops, 3 UI, 6 Relays, 2AO, 1 fan module	\$ 191,10
	TCX2-20332-FC	40-110034		PI controller, Cabinet mounted, VCP communication	\$ 191,10
				2 control loops, 3 UI, 53Relays, 2 AO, 1 fan module	
	OPA-X2-VCP	40-500007		Terminal with VCP communication, RS485	\$ 133,80
	OPA-X2-MOD	available 2010-04		Surface mounted, EU standard	
	OPA-X2-BAC	available 2010-06		Terminal with MODBUS communication, RS485	
				Surface mounted, EU standard	
	OPU-X2-VCP	40-500009		Terminal with VCP communication, RS485	\$ 133,80
	OPU-X2-MOD	available 2010-04		Surface mounted, EU standard	
	OPU-X2-BAC	available 2010-06		Terminal with MODBUS communication, RS485	
				Surface mounted, EU standard	
	AEC-X2-MOD	available 2010-04		Communication plug in for TCX2 controller	
	AEC-X2-BAC	available 2010-06		MODBUS communication standard, RS485	
	AEC-X2-PC			Communication plug in for TCX2 controller	
				BACNET communication standard, RS485	
				USB cable for parameter upload to PC	

S- & SD-Series Flying Lead Temperature Sensors

- ▲ Passive temperature sensors
- ▲ Stainless Steel
- ▲ NTC, PT and NI elements







- ▲ Large range selection
- ▲ IP65
- ▲ Ask for other elements if required

Housing	Model #	Article #	Options	Features	List
	S-Tn3-2	40-200007	NTC 3kΩ at 25°C	B35/50: 3935, 2m cable	\$ 15,00
	S-Tn10-2	40-200001	NTC 10kΩ at 25°C	B35/50: 3935, 2m cable	\$ 15,00
	S-Tn11-2	40-200008	NTC 10kΩ at 25°C	B35/50: 3630, 2m cable	\$ 15,00
	S-Tn20-2	40-200009	NTC 20kΩ at 25°C	B35/50: 4200, 2m cable	\$ 20,10
	S-Tn100-2	40-200010	NTC 100kΩ at 25°C	B35/50: 4200, 2m cable	\$ 15,00
	S-Tp1-2	40-200011	PT100	EN60751, 2m cable	\$ 30,10
	S-Tp2-2	40-200012	PT1000	EN60751, 2m cable	\$ 30,10
	S-Tk5-2	40-200013	NI1000	5000 ppm/K, 2m cable	\$ 30,10
	SD-Tn3-12-2	40-200014	NTC 3kΩ at 25°C	B35/50: 3935, 12 cm probe, 2m cable	\$ 20,10
	SD-Tn10-12-2	40-200002	NTC 10kΩ at 25°C	B35/50: 3935, 12 cm probe, 2m cable	\$ 20,10
	SD-Tn11-12-2	40-200015	NTC 10kΩ at 25°C	B35/50: 3630, 12 cm probe, 2m cable	\$ 20,10
	SD-Tn20-12-2	40-200016	NTC 20kΩ at 25°C	B35/50: 4200, 12 cm probe, 2m cable	\$ 25,10
	SD-Tn100-12-2	40-200017	NTC 100kΩ at 25°C	B35/50: 4200, 12 cm probe, 2m cable	\$ 20,10
	SD-Tp1-12-2	40-200023	PT100	EN60751, 12 cm probe, 2 m cable	\$ 37,60
	SD-Tp2-12-2	40-200024	PT1000	EN60751, 12 cm probe, 2 m cable	\$ 37,60
	SD-Tk5-12-2	40-200025	NI1000	5000 ppm/K, 12 cm probe, 2m cable	\$ 37,60
	SD-Tn3-20-2	40-200018	NTC 3kΩ at 25°C	B35/50: 3935, 20 cm probe, 2m cable	\$ 25,10
	SD-Tn10-20-2	40-200003	NTC 10kΩ at 25°C	B35/50: 3935, 20 cm probe, 2m cable	\$ 25,10
	SD-Tn11-20-2	40-200020	NTC 10kΩ at 25°C	B35/50: 3630, 20 cm probe, 2m cable	\$ 25,10
	SD-Tn20-20-2	40-200021	NTC 20kΩ at 25°C	B35/50: 4200, 20 cm probe, 2m cable	\$ 30,10
	SD-Tn100-20-2	40-200022	NTC 100kΩ at 25°C	B35/50: 4200, 20 cm probe, 2m cable	\$ 25,10
	SD-Tp1-20-2	40-200026	PT100	EN60751, 20 cm probe, 2 m cable	\$ 42,60
	SD-Tp2-20-2	40-200027	PT1000	EN60751, 20 cm probe, 2 m cable	\$ 42,60
	SD-Tk5-20-2	40-200028	NI1000	5000 ppm/K, 20 cm probe, 2m cable	\$ 42,60

SRA, SDB-& SOB-Series Indoor-, Duct- and Outdoor Temperature Sensors

- ▲ Passive temperature sensors
- ▲ Rigid housing, add the cable connector of your choice for SDB and SOB
- ▲ NTC, PT and NI elements
- ▲ Large range selection
- ▲ IP65
- ▲ Ask for other elements if required







Note! For SDB and SOB sensors: Order cable gland or conduit connector separately (if required)

Housing	Model #	Article #	Options	Features	List
Indoor 	SRA-Tn3	40-200036	NTC 3kΩ at 25°C	B35/50: 3935	\$ 25,10
	SRA-Tn10	40-200005	NTC 10kΩ at 25°C	B35/50: 3935	\$ 25,10
	SRA-Tn11	40-200037	NTC 10kΩ at 25°C	B35/50: 3630	\$ 25,10
	SRA-Tn20	40-200038	NTC 20kΩ at 25°C	B35/50: 4200	\$ 30,10
	SRA-Tn100	40-200039	NTC 100kΩ at 25°C	B35/50: 4200	\$ 25,10
	SRA-Tp1	40-200040	PT100	EN60751	\$ 40,10
	SRA-Tp2	40-200041	PT1000	EN60751	\$ 40,10
	SRA-Tk5	40-200042	NI1000	5000 ppm/K	\$ 40,10
Duct 12cm probe 	SDB-Tn3-12	40-200050	NTC 3kΩ at 25°C	B35/50: 3935, 12 cm probe	\$ 36,80
	SDB -Tn10-12	40-200051	NTC 10kΩ at 25°C	B35/50: 3935, 12 cm probe	\$ 36,80
	SDB -Tn11-12	40-200052	NTC 10kΩ at 25°C	B35/50: 3630, 12 cm probe	\$ 36,80
	SDB -Tn20-12	40-200053	NTC 20kΩ at 25°C	B35/50: 4200, 12 cm probe	\$ 41,80
	SDB -Tn100-12	40-200054	NTC 100kΩ at 25°C	B35/50: 4200, 12 cm probe	\$ 36,80
	SDB-Tp1-12	40-200055	PT100	EN60751, 12 cm probe	\$ 51,80
	SDB-Tp2-12	40-200056	PT1000	EN60751, 12 cm probe	\$ 51,80
	SDB-Tk5-12	40-200057	NI1000	5000 ppm/K, 12 cm probe	\$ 51,80
Duct 20cm probe 	SDB-Tn3-20	40-200029	NTC 3kΩ at 25°C	B35/50: 3935, 20 cm probe	\$ 40,10
	SDB -Tn10-20	40-200004	NTC 10kΩ at 25°C	B35/50: 3935, 20 cm probe	\$ 40,10
	SDB -Tn11-20	40-200030	NTC 10kΩ at 25°C	B35/50: 3630, 20 cm probe	\$ 40,10
	SDB -Tn20-20	40-200031	NTC 20kΩ at 25°C	B35/50: 4200, 20 cm probe	\$ 45,10
	SDB -Tn100-20	40-200032	NTC 100kΩ at 25°C	B35/50: 4200, 20 cm probe	\$ 40,10
	SDB-Tp1-20	40-200033	PT100	EN60751, 20 cm probe	\$ 55,20
	SDB-Tp2-20	40-200034	PT1000	EN60751, 20 cm probe	\$ 55,20
	SDB-Tk5-20	40-200035	NI1000	5000 ppm/K, 20 cm probe	\$ 55,20
Outdoor 	SOB-Tn3	40-200058	NTC 3kΩ at 25°C	B35/50: 3935	\$ 33,50
	SOB-Tn10	40-200059	NTC 10kΩ at 25°C	B35/50: 3935	\$ 33,50
	SOB-Tn11	40-200060	NTC 10kΩ at 25°C	B35/50: 3630	\$ 33,50
	SOB-Tn20	40-200061	NTC 20kΩ at 25°C	B35/50: 4200	\$ 38,50
	SOB-Tn100	40-200062	NTC 100kΩ at 25°C	B35/50: 4200	\$ 33,50
	SOB-Tp1	40-200063	PT100	EN60751	\$ 48,50
	SOB-Tp2	40-200064	PT1000	EN60751	\$ 48,50
	SOB-Tk5	40-200065	NI1000	5000 ppm/K	\$ 48,50
	AMC-1	20-100035		Cable gland	\$ 1,20
	AMC-2	20-100067		Conduit connector: NPT thread	\$ 2,40

SRC-, SDC& SOC-Series Indoor, Duct- and Outdoor Temperature & Humidity Transmitter







- ▲ Temperature & Humidity transmitters
- ▲ Programmable measuring and output range
- ▲ Order specific transmitter, probe & connector for best fit!
- ▲ 24V AC/DC Power supply, Selectable half- or full-wave
- ▲ 0-10VDC, 4-20mA selectable Outputs
- ▲ Remote display, Min/Max records with OPA-S
- ▲ Choose desired humidity accuracy, 2, 3 or 5%
- ▲ SDC and SOC with integrated display option

Note! For humidity transmitters select transmitter + sensing element + cable gland or conduit connector (if required)

Housing	Model #	Article #	Options	Features	List
	SRC-T1	40-200060	Probe included	Indoor temperature transmitter	\$ 107,80
	SRC-H1	40-200064	add AES-HT	Indoor humidity transmitter	\$ 95,30
	SRC-H1T	40-200072	add AES-HTx	Indoor humidity transmitter & temp. sensor	\$ 97,80
	SRC- H1T1	40-200068	add AES-HT	Indoor humidity & temperature transmitter	\$ 105,30
	SDC-T1-08	40-200058	Probe included	Duct temperature transmitter, 80mm probe	\$ 125,40
	SDC-T1-16	40-200059	add AMC	Duct temperature transmitter, 160mm probe	\$ 129,10
	SDC-T1-24			Duct temperature transmitter, 240mm probe	\$ 132,90
	SDC-H1-08	40-200062	add AES-HT	Duct humidity transmitter, 80mm probe	\$ 112,80
	SDC-H1-16	40-200063	add AMC	Duct humidity transmitter, 160mm probe	\$ 116,60
	SDC-H1T-08	40-200070	add AES-HTx	Duct humidity transmitter & temp. sensor, 80mm	\$ 115,40
SDC-H1T-16	40-200071	add AMC	Duct humidity transmitter & temp. sensor, 160mm	\$ 119,10	
SDC-H1T1-08	40-200066	add AES-HT	Duct humidity & temperature transmitter, 80mm	\$ 122,90	
SDC-H1T1-20	40-200067	add AMC	Duct humidity & temperature transmitter, 160mm	\$ 126,60	
	SOC-T1	40-200061	Probe included add AMC	Outdoor temperature transmitter	\$ 132,90
	SOC-H1	40-200065	add AES-HT add AMC	Outdoor humidity transmitter	\$ 120,40
	SOC-H1T	40-200073	add AES-HTx add AMC	Outdoor humidity transmitter & temp. Sensor	\$ 122,90
	SOC- H1T1	40-200069	add AES-HT add AMC	Outdoor humidity & temperature transmitter	\$ 130,40
	AMC-1	20-100035		Cable gland	\$ 1,20
	AMC-2	20-100067		Conduit connector: NPT thread	\$ 2,40
	OPC-S	40-500029		Display option for SDC, SCC and SOC transmitters	\$ 66,80
	OPA-S	40-500006		Display and programming interface for transmitters	\$ 100,30
	AES-HT-A5	40-500031-5	5% accuracy	Humidity element	\$ 83,60
	AES-HT-A3	40-500031-3	3% accuracy	for SxC-T1, SxC-H1 and SxC-H1T1	\$ 101,50
	AES-HT-A2	40-500031-2	2% accuracy		\$ 131,40
	AES-HTn3-A5	40-500032-5	5% accuracy	Humidity element for SxC-H1T	\$ 89,60
	AES-HTn3-A3	40-500032-3	3% accuracy	NTC 3kΩ at 25°C	\$ 103,90
	AES-HTn3-A2	40-500032-2	2% accuracy	B35/50: 3935	\$ 145,80
	AES-HTn10-A5	40-500033-5	5% accuracy	Humidity element for SxC-H1T	\$ 89,60
	AES-HTn10-A3	40-500033-3	3% accuracy	NTC 10kΩ at 25°C	\$ 103,90
	AES-HTn10-A2	40-500033-2	2% accuracy	B35/50: 3935	\$ 145,80
	AES-HTn11-A5	40-500034-5	5% accuracy	Humidity element for SxC-H1T	\$ 89,60
	AES-HTn11-A3	40-500034-3	3% accuracy	NTC 10kΩ at 25°C	\$ 103,90
	AES-HTn11-A2	40-500034-2	2% accuracy	B35/50: 3630	\$ 145,80
	AES-HTn20-A5	40-500035-5	5% accuracy	Humidity element for SxC-H1T	\$ 93,20
	AES-HTn20-A3	40-500035-3	3% accuracy	NTC 20kΩ at 25°C	\$ 107,50
	AES-HTn20-A2	40-500035-2	2% accuracy	B35/50: 4200	\$ 149,30
	AES-HTn100-A5	40-500036-5	5% accuracy	Humidity element for SxC-H1T	\$ 89,60
	AES-HTn100-A3	40-500036-3	3% accuracy	NTC 100kΩ at 25°C	\$ 103,90
	AES-HTn100-A2	40-500036-2	2% accuracy	B35/50: 4200	\$ 145,80
	AES-HTp1-A5	40-500037-5	5% accuracy	Humidity element for SxC-H1T	\$ 97,90
	AES-HTp1-A3	40-500037-3	3% accuracy	PT100	\$ 112,30
	AES-HTp1-A2	40-500037-2	2% accuracy	EN60751	\$ 154,10
	AES-HTp2-A5	40-500038-5	5% accuracy	Humidity element for SxC-H1T	\$ 97,90
	AES-HTp2-A3	40-500038-3	3% accuracy	PT1000	\$ 112,30
	AES-HTp2-A2	40-500038-2	2% accuracy	EN60751	\$ 154,10
AES-HTk5-A5	40-500039-5	5% accuracy	Humidity element for SxC-H1T	\$ 97,90	
AES-HTk5-A3	40-500039-3	3% accuracy	NI1000	\$ 112,30	
AES-HTk5-A2	40-500039-2	2% accuracy	5000 ppm/K	\$ 154,10	

SDA-P & SCC Pressure and PT1000 Transmitter

- ▲ SDA-P differential pressure transmitter
- ▲ SCC PT1000 temperature transmitter
- ▲ Programmable measuring and output range
- ▲ 24V AC/DC Power supply
- ▲ SCC for large temperature range and exact measurement
- ▲ Remote display, Min/Max records with OPA-S
- ▲ 0-10VDC, 4-20mA selectable Outputs
- ▲ SCC with integrated display option

Housing	Model #	Article #	Options	Features	List	
	SCC-T1-Tp2	40-30-0050 40-30-0051 40-30-0052	-40 to 60°C -40 to 200°C 0...500°C	PT1000 temperature transmitter When ordering add 2 each AMC-1 or AMC-2 PT1000 element is not included	\$ 200,70 \$ 200,70 \$ 200,70	
		SDA-P1	40-300045	0...300Pa	Differential pressure transmitter	\$ 368,70
		SDA-P2	40-300046	0...500Pa		\$ 368,70
SDA-P3		40-300047	0...1kPa		\$ 373,70	
SDA-P4		40-300048	0...3kPa		\$ 378,80	
SDA-P5		40-300049	0...5kPa		\$ 388,80	
	OPC-S	40-500029		Display option for SDC, SCC and SOC transmitters	\$ 66,80	
	OPA-S	40-500006		Display and programming interface for transmitters	\$ 100,30	
	AMC-1	20-100035		Cable gland	\$ 1,20	
	AMC-2	20-100067		Conduit connector: NPT thread	\$ 2,40	

Accessories for controls and sensing equipment




AM.. Mechanical accessories

AE.. Electrical accessories

Housing	Model #	Article #	Options	Features	List
	AMI-S5 AMI-S7 AMI-S10 AMI-S15	40-510001 40-510002 40-510003 40-510004	5 cm 7.5 cm 10 cm 15 cm	Stainless Steel Pocket For SDB and SD type of sensors. Use up to 150°C (302°F)	\$ 12,00 \$ 14,30 \$ 17,90 \$ 23,90
	AMB-001	40-510009		Connection box, flush mounting	\$ 3,60
	AMB-005	40-510010		Connection box, flush and surface mounting	\$ 3,60
	AMC-1	20-100035		Cable gland	\$ 1,20
	AMC-2	20-100067		Conduit connector: NPT thread	\$ 2,40
	AER-C13	40-500002		AO-DO Converter Converts 1 AO to 3 DO Adjustable switching points	\$ 59,70
	AET-230-10 AET-230-30 AET-230-50	40-500003 40-500004 40-500005	10VA 30VA 50VA	Transformer 230 to 24VAC	\$ 17,20 \$ 36,30 \$ 53,00
	OPC-S	40-500029		Display option for SDC, SCC and SOC transmitters	\$ 66,80
	OPA-S	40-500006		Display and programming interface for transmitters	\$ 100,30
	OPR-1	40-500001		Remote Control device with LCD and clock only works with -D devices	\$ 29,90


Spring return zone valves

- ▲ Synchronous motor
- ▲ Self resetting of override
- ▲ AC230V 50/60 Hz
- ▲ PN25, PSI 362 body pressure rating
- ▲ Detachable actuator
- ▲ Media Temperature range 5...95°C, (41...203°F)

Type	Model #	Article #	Size	KV	CV	Power	Close-Off	Features	List
	VZ2-215-24	40-400033	DN15,	1,5	1,7	24	250 kPa, 36 PSI	Spring return fan coil valve	\$ 75,00
	VZ2-215-230	40-400039	1/2 "			230			
	VZ2-220-24	40-400034	DN20,	2,5	2,9	24	100 kPa, 14.5 PSI	2-way normally closed	\$ 75,00
	VZ2-220-230	40-400040	3/4 "			230			
	VZ2-225-24	40-400035	DN25,	4,8	5,6	24	60 kPa, 8.7 PSI		\$ 87,90
VZ2-225-230	40-400041	1 "			230				
	VZ2-315-24	40-400036	DN15,	1,5	1,70	24	250 kPa, 36 PSI	Spring return fan coil valve	\$ 76,10
	VZ2-315-230	40-400042	1/2 "			230			
	VZ2-320-24	40-400037	DN20,	2,5	2,90	24	100 kPa, 14.5 PSI	3-way, mixing	\$ 82,50
	VZ2-320-230	40-400043	3/4 "			230			
VZ2-325-24	40-400038	DN25,	4,8	5,60	24	60 kPa, 8.7 PSI		\$ 94,30	
VZ2-325-230	40-400044	1 "			230				
	VZ4-215-24	40-400001	DN15,	2	2,32	24	300 kPa, 43 PSI	Spring return fan coil valve	\$ 112,10
	VZ4-215-230	40-400045	1/2 "			230			
	VZ4-220-24	40-400002	DN20,	2,8	3,25	24	150 kPa, 21.5 PSI	2-way normally closed	\$ 116,70
	VZ4-220-230	40-400046	3/4 "			230			
	VZ4-225-24	40-400003	DN25,	4,6	5,34	24	120 kPa, 17.0 PSI		\$ 153,30
VZ4-225-230	40-400047	1 "			230				
VZ4-232-24	40-400004	DN32,	10	11,6	24	100 kPa, 14.5 PSI		\$ 206,30	
VZ4-232-230	40-400048	1 1/4 "			230				
	VZ4-315-24	40-400005	DN15,	2,0	2,32	24	300 kPa, 43 PSI	Spring return fan coil valve	\$ 115,50
	VZ4-315-230	40-400049	1/2 "			230			
	VZ4-320-24	40-400006	DN20,	2,8	3,25	24	150 kPa, 21.5 PSI	3-way, mixing	\$ 123,80
	VZ4-320-230	40-400050	3/4 "			230			
	VZ4-325-24	40-400007	DN25,	4,6	5,34	24	120 kPa, 17.0 PSI		\$ 156,80
	VZ4-325-230	40-400051	1 "			230			
	VZ4-332-24	40-400008	DN32,	10	11,6	24	100 kPa, 14.5 PSI		\$ 212,30
	VZ4-332-230	40-400052	1 1/4 "			230			

ON/OFF and three state ball valves

- ▲ Synchronous motor
- ▲ Self resetting of override
- ▲ AC24V or AC230V 50/60 Hz
- ▲ 3-way diverting valve with T-ball, L-ball available on request
- ▲ PN25, PSI 362 body pressure rating
- ▲ Media Temperature range 5...95°C, (41...203°F)
- ▲ Detachable actuator

Type	Model #	Article #	Size	KV	CV	Power	Close-Off	Features	List
VZ5-2 	VZ5-215-24	40-400021	DN15	7,9	9,1	24	1000kPa, 150 PSI	Ball valve 2-way With three state actuator (3-wire control, 2 binary outputs required)	\$ 85,80
	VZ5-215-230	40-400009	1/2 "			230			\$ 89,00
	VZ5-220-24	40-400022	DN20	8	9,2	24	1000kPa, 150 PSI		\$ 96,50
	VZ5-220-230	40-400010	3/4 "			230			
	VZ5-225-24	40-400023	DN25	8,1	9,4	24	1000kPa, 150 PSI		
	VZ5-225-230	40-400011	1 "			230			
VZ5-3 	VZ5-315-24	40-400024	DN15	7,9	9,1	24	1000kPa, 150 PSI	Ball valve 3-way With three state actuator (3-wire control, 2 binary outputs required)	\$ 107,20
	VZ5-315-230	40-400012	1/2 "			230			\$ 110,40
	VZ5-320-24	40-400025	DN20	8	9,2	24	1000kPa, 150 PSI		\$ 115,80
	VZ5-320-230	40-400013	3/4 "			230			
	VZ5-325-24	40-400026	DN25	8,1	9,4	24	1000kPa, 150 PSI		
	VZ5-325-230	40-400014	1 "			230			
VZ6-2 	VZ6-215-24	40-400027	DN15	7,9	9,1	2 4	1000kPa, 150 PSI	Ball valve 2-way With open close actuator (single-wire control, 1 binary output required)	\$ 93,30
	VZ6-215-230	40-400015	1/2 "			230			\$ 96,50
	VZ6-220-24	40-400028	DN20	8	9,2	24	1000kPa, 150 PSI		\$ 104,00
	VZ6-220-230	40-400016	3/4 "			230			
	VZ6-225-24	40-400029	DN25	8,1	9,4	24	1000kPa, 150 PSI		
	VZ6-225-230	40-400017	1 "			230			
VZ6-3 	VZ6-315-24	40-400030	DN15	7,9	9,1	2 4	1000kPa, 150 PSI	Ball valve 3-way With open close actuator (single-wire control, 1 binary output required)	\$ 114,70
	VZ6-315-230	40-400018	1/2 "			230			\$ 117,90
	VZ6-320-24	40-400031	DN20	8	9,2	24	1000kPa, 150 PSI		\$ 123,30
	VZ6-320-230	40-400019	3/4 "			230			
	VZ6-325-24	40-400032	DN25	8,1	9,4	24	1000kPa, 150 PSI		
	VZ6-325-230	40-400020	1 "			230			

General Terms

The terms stated in this Agreement take precedence over any conditions, which may appear on a standard order form of Buyer, and no such contradictory provisions or conditions, if any, of such form, except as expressly stated herein, shall be binding. Notice of objection to any additional or different terms or conditions is hereby given.

Price

Our prices are net, ex works according to individual sales agreements.

Delivery costs shall be charged at cost.

We are entitled to make partial deliveries, when necessary, which can be invoiced separately.

Packing for normal consignments is included in the price.

Wooden crates, pallets, etc. shall be charged separately.

Wiring diagrams, installation and commissioning are not included in our prices.

The prices do not include tax of any type or custom duties and similar tariffs and fees, which may now or hereafter be applicable to, measured by, or imposed upon or with respect to the transactions described herein, the Products, the sale of the Products, their value, or their use, or any services performed in connection therewith. Buyer agrees to pay or, at Vector Controls option, reimburse Vector Controls for any such taxes and charges which Vector Controls or its subcontractors, suppliers or affiliates are required to pay.

Payment

Invoices are payable in USD according to agreed terms without any deductions.

If, in the judgment of Vector Controls, the financial condition of Buyer, at any time during the manufacturing period or at any time before the applicable Products are shipped to Buyer, does not justify the terms of payment specified, Vector Controls may require full payment in advance.

Payment is not affected by the date of receipt.

An interest charge of 2% per month will be included on all overdue payments.

Shipments for new orders and warranty replacements will not be made if invoices are not paid within 45 days.

Title and Risk

The Products shall remain the personal property of Vector Control until paid for in cash, and Buyer agrees to perform all acts which may be necessary or appropriate to perfect and assure the retention of title in Vector Controls of all of the Products until such point in time; however, risk of loss shall pass to Buyer upon delivery of such product or part, F.O.B., point of shipment. Vector Controls liability for damage in transit or delay ceases when shipment is accepted by the carrier. Dealer should immediately inspect each shipment and if there is evidence of loss or damage during transit, should file a claim against the carrier. Vector Controls may assist with such claims, but will not accept any responsibility for the claims. Any adjustments in such cases are between the Dealer and the carrier.

Delivery Time

We undertake to make every endeavor to adhere to our delivery promise(s), but do not accept cancellation of contract or liability for any direct or indirect losses which may arise, for any reason whatsoever, due to our failure to adhere to such promise(s).

strike or other labor difficulty, act of any governmental authority or of Dealer or its agents or customers, riot, embargo, car shortage, wrecks or transportation delays or failure, inability to obtain necessary labor, materials, or manufacturing facilities from usual sources or due to any other unforeseen circumstance or cause beyond its reasonable control. In the event of delay in performance due to any such cause, the date of delivery or time for completion shall be postponed by such length of time as may be reasonably necessary to compensate for the delay.

Return of Goods

Goods received by the Buyer cannot be returned unless previously agreed upon with Vector Controls Ltd.

Only goods in original packaging can be accepted. An overhead charge of 10% of the invoice value will be deducted. Products are to be returned to a Vector Controls Factory.

Shipping costs to return products are to be paid by the Buyer.

Warranty

We undertake to replace or repair free of charge, any part or parts of equipment, which may develop defects, caused through faulty material or workmanship within 18 months from the date of delivery.

This guarantee shall be null and void should the Buyer or any other persons modify or repair any part of our equipment. In the event of a breach of this warranty, Vector Controls sole responsibility shall be to furnish a replacement part FOB factory or, at the option of Vector Controls, to repair the defective part. Vector Controls hereby excludes all implied warranties of merchantability and fitness and all other express or implied warranties whatsoever with respect to the products. In no event shall Vector Controls be liable for loss of profit, loss of production, loss of business or goodwill, liability of Buyer or ultimate user to others, increased or uncovered operating or fixed costs, inefficiency, theft or any other consequential or indirect or remote damages in any manner directly or indirectly, related to design, manufacturing, supply or use of the Products or any other act or failure to act by Vector Controls or its agents or contractors. All products are designed for use ONLY as operating controls. Where an existing control failure would result in personal injury and/or loss of property including property damage, it is the responsibility of the Buyer to add any devices (safety, limit controls) or systems (alarm, supervisory) that protect against, or warn of, control failure.

Returning of Defective Units

Return authorization must be obtained from Vector Controls prior to the return of any defective Products. All unauthorized returns will be refused and returned to Buyer. All returns must be made with transportation prepaid by Buyer.

Vector Controls examination of such Products must disclose to its satisfaction that defects exist and have not been caused misuse, neglect, improper installation, repair, alteration, or by accident before replacement is made or credit issued.

Proper Law and Jurisdiction

This contract is and shall be deemed to have been made in Switzerland, and shall in all respects, be governed by Swiss laws. For any dispute resulting from the implementation and application of this contract, the place of jurisdiction are the courts based in Zug, Switzerland.