



PST MANOSTATS

Differential manostat model PST. Range from -500/+1000 Pa to -1000/+2000 mBar. 1 RCR relay 3A / 230Vac. Relay configuration with push-button. 24Vdc/Vac power supply. 5-digit display. ABS IP65 housing. Optional: LCC-100 configuration software.

Ref.	TYPE	Range	VP Cena (eur)
13,325	PST-1	from -500 to + 1000 Pa (1)	184
13,326	PST-2	from -500 to +1000 mmH2O (2)	146
13,327	PST-3	from -250 to +500 mBar (3)	186
13,328	PST-4	from -1000 to +2000 mBar (4)	186



CLASS 50 PRESSURE TRANSMITTERS

Differential pressure transmitter model CP50. Configurable range from -500 to +1000 mmH2O (minimum configurable range: 0 to ± 100 mmH2O). 4-20 mA and 0-10 V output with 24 Vdc/Vac power supply (3-4 wires). ABS IP65 housing. Optional: LCC-100 configuration software.

Ref.	TYPE	Output	VP Cena (eur)
13,335	CP50	4-20 mA and 0-10V	128



CLASS 100 PRESSURE TRANSMITTERS

Differential pressure transmitter model CP100. Configurable range from -500/+1000 Pa (minimum configurable range: 0 to ± 100 Pa) up to -1000/+2000 mBar (minimum configurable range: 0 to ± 200 mBar). 0-10 V or 4-20 mA output with 24 Vdc/Vac power supply (3-4 wires) or 4-20 mA output with 18 to 30 Vdc power supply (2 wires). With or without 5-digit display. ABS IP65 housing. Optional: LCC-100 configuration software.

Ref.	TYPE	Range 1.2.3.4	Power supply A.P (active / passive)	Display	VP Cena (eur)
				O.N (yes / no)	
13,340	CP101-AO	from -500 to +1000 Pa (1)	Active 0-10 OR 4-20 (A)	Yes (O)	207
13,341	CP101-AN			No (N)	164
13,342	CP101-PO		Passive 4-20 (P)	Yes	198
13,343	CP101-PN			No	156
13,344	CP102-AO	from -500 to +1000 mmH2O (2)	Active 0-10 OR 4-20	Yes	207
13,345	CP102-AN			No	164
13,346	CP102-PO		Passive 4-20	Yes	198
13,347	CP102-PN			No	156
13,348	CP103-AO	from -250 to +500 mBar (3)	Active 0-10 OR 4-20	Yes	211
13,349	CP103-AN			No	166
13,350	CP103-PO		Passive 4-20	Yes	202
13,351	CP103-PN			No	158
13,352	CP104-AO	from -1000 to +2000 mBar (4)	Active 0-10 OR 4-20	Yes	211
13,353	CP104-AN			No	166
13,354	CP104-PO		Passive 4-20	Yes	202
13,355	CP104-PN			No	158



CLASS 200 PRESSURE TRANSMITTERS

Differential pressure transmitter model CP200. Configurable range from -1000/+1000 Pa (minimum configurable range: 0 to \pm 100 Pa) up to -2000/+2000 mBar (minimum configurable range: 0 to \pm 200 mBar). 2 4-20 mA or 0-10 V outputs, 4-wire technology, RS 232 output, 2 RCR relays 6A / 230Vac (for models with no display, relay configuration via optional software). Configuration via keypad (for models with display) or via optional software (for all models). 24 Vdc/Vac or 115 Vac or 230 Vac power supply. With or without alphanumeric 2-line backlit display. ABS IP65 housing. Supplied with adjusting certificate. Optional: SQR/2 calculation function of air velocity and airflow, LCC-300 configuration software, calibration certificate.

Ref.	TYPE	Range 1.2.3.4	Power supply B.M.H	Display O.N	VP Cena (eur)
13,404	CP201-BN	from -1000 to +1000 Pa (1)	24 Vdc or Vac (B)	Non (N)	366
13,405	CP201-BO			Oui (O)	416
13,406	CP201-MN		115 Vac (M)	No	388
13,407	CP201-MO			Yes	440
13,408	CP201-HN		230 Vac (H)	No	374
13,409	CP201-HO			Yes	428
13,410	CP202-BN	from -1000 to +1000 mmH2O (2)	24 Vdc or Vac	No	366
13,411	CP202-BO			Yes	416
13,412	CP202-MN		115 Vac	No	388
13,413	CP202-MO			Yes	440
13,414	CP202-HN		230 Vac	No	374
13,415	CP202-HO			Yes	428
13,416	CP203-BN	from -500 to +500 mBar (3)	24 Vdc or Vac	No	368
13,417	CP203-BO			Yes	422
13,418	CP203-MN		115 Vac	No	392
13,419	CP203-MO			Yes	444
13,420	CP203-HN		230 Vac	No	378
13,421	CP203-HO			Yes	430
13,422	CP204-BN	from -2000 to +2000 mBar (4)	24 Vdc or Vac	No	374
13,423	CP204-BO			Yes	422
13,424	CP204-MN		115 Vac	No	392
13,425	CP204-MO			Yes	444
13,426	CP204-HN		230 Vac	No	378
13,427	CP204-HO			Yes	430

CLASS 300 PRESSURE TRANSMITTERS



Differential pressure transmitter model CP300. Configurable range from -100/+100 Pa (minimum configurable range: 0 to \pm 10 Pa) up to -10000/+10000 Pa (minimum configurable range: 0 to \pm 1000 Pa). Interchangeable measuring sensor (SPI technology) and permanent self-calibration. Thermocouple K input for temperature compensation of air velocity and airflow. 2 4-20 mA or 0-10 V outputs, 4-wire technology, RS 232 input/output, for connection to a Class 200/300 transmitter. 2 RCR relays 6A / 230 Vac (for models without display, relay configuration via optional software). Configuration via keypad or optional remote control (for models with display) or optional software (for all models). 24 Vdc/Vac or 115 Vac or 230 Vac power supply. With or without backlit digital display. IP65 ALU or ABS housing. Supplied with adjusting certificate. Optional: SQR/2 calculation function of air velocity and airflow, thermocouple K probe, MODBUS RS485 output, ZI300 remote control, LCC-300 configuration software, calibration certificate.

Ref.	TYPE	Range 1.2.3.4	Power supply B.M.H	Display N.O	Housing P.A	VP Cena (eur)	
13,488	CP301-BNP	from -100 to +100 Pa (1)	24 Vdc or Vac (B)	No (N)	ABS (P)	480	
13,489	CP301-BNA				ALU (A)	590	
13,490	CP301-BOP			Yes (O)	ABS	558	
13,491	CP301-BOA				ALU	668	
13,492	CP301-MNP			115 Vac (M)	No	ABS	504
13,493	CP301-MNA				ALU	612	
13,494	CP301-MOP		Yes	ABS	582		
13,495	CP301-MOA			ALU	690		
13,496	CP301-HNP		230 Vac (H)	No	ABS	490	
13,497	CP301-HNA				ALU	600	
13,498	CP301-HOP			Yes	ABS	568	
					Vac	ABS	568

13,499	CP301-HOA	from -500 to +500 Pa (2)	24 Vdc or Vac (B)	No	ALU	676	
13,500	CP302-BNP				ABS	480	
13,501	CP302-BNA			ALU	590		
13,502	CP302-BOP			Yes	ABS	558	
13,503	CP302-BOA			ALU	668		
13,504	CP302-MNP			115 Vac (M)	No	ABS	504
13,505	CP302-MNA		ALU		612		
13,506	CP302-MOP		230 Vac (H)	Yes	ABS	582	
13,507	CP302-MOA			ALU	690		
13,508	CP302-HNP		24 Vdc or Vac (B)	No	ABS	490	
13,509	CP302-HNA				ALU	600	
13,510	CP302-HOP			Yes	ABS	568	
13,511	CP302-HOA				ALU	676	
13,512	CP303-BNP	from -1 000 to +1 000 Pa (3)		24 Vdc or Vac (B)	No	ABS	480
13,513	CP303-BNA					ALU	590
13,514	CP303-BOP		Yes		ABS	558	
13,515	CP303-BOA			ALU	668		
13,516	CP303-MNP		115 Vac (M)	No	ABS	504	
13,517	CP303-MNA			ALU	612		
13,518	CP303-MOP		230 Vac (H)	Yes	ABS	582	
13,519	CP303-MOA			ALU	690		
13,520	CP303-HNP		24 Vdc or Vac (B)	No	ABS	490	
13,521	CP303-HNA				ALU	600	
13,522	CP303-HOP			Yes	ABS	568	
13,523	CP303-HOA				ALU	676	
13,524	CP304-BNP	from -10 000 to +10 000 Pa (4)		24 Vdc or Vac (B)	No	ABS	480
13,525	CP304-BNA					ALU	590
13,526	CP304-BOP		Yes		ABS	558	
13,527	CP304-BOA			ALU	668		
13,528	CP304-MNP		115 Vac (M)	No	ABS	504	
13,529	CP304-MNA			ALU	612		
13,530	CP304-MOP		230 Vac (H)	Yes	ABS	582	
13,531	CP304-MOA			ALU	690		
13,532	CP304-HNP		24 Vdc or Vac (B)	No	ABS	490	
13,533	CP304-HNA				ALU	600	
13,534	CP304-HOP			Yes	ABS	568	
13,535	CP304-HOA				ALU	676	



CLASS 300 FLUSH-MOUNT PRESSURE TRANSMITTERS

Flush-mount differential pressure transmitter model CPE300. Range -100/+100 Pa (minimum configurable range: 0 to \pm 10 Pa) up to -1000/+1000 Pa (minimum configurable range: 0 to \pm 100 Pa). Interchangeable measuring sensor (SPI technology) and permanent self-calibration. Pressure connections in front for calibration. 4-20 mA or 0-10 V output, 4-wire technology, RS 232 input/output for connection to a Class 200/300 transmitter. 2 RCR relays 6A / 230 Vac (relay configuration via software or optional remote control). Configuration via software or optional remote control. Electroluminescent 2-line display. Front made of brushed stainless steel OR white lacquered. 24Vdc/Vac power supply. Supplied with adjusting certificate. Optional: MODBUS RS485 output, ZI300 remote control, LCC-300 configuration software, calibration certificate.

Ref.	TYPE	Range 1.2.3	Housing B.I	VP Cena (eur)
13,536	CPE301-B	from -100 to +100 Pa (1)	White (B)	612
13,537	CPE301-I		Stainless Steel (I)	610
13,538	CPE302-B	from -500 to +500 Pa (2)	White	612
13,539	CPE302-I		St. Steel	610
13,540	CPE303-B	from -1000 to +1000 Pa (3)	White	612
13,541	CPE303-I		St. Steel	610

HOUSING FOR CPE FLUSH-MOUNT PRESSURE TRANSMITTERS

13,846	BI-300	Housing made of brushed stainless steel for wall-mounting of CPE and ATE-300.	72
13,847	BB-300	Housing made of white lacquered stainless steel for wall-mounting of CPE and ATE-300.	85



Differential pressure transmitter. IP65 housing. With large electro-luminescent display. Configurable range from - 100 to / + 100 Pa (minimum 0 to +/- 10 Pa) up to -10000 /+ 10000 Pa (minimum 0 to +/- 1000 Pa). SPI interchangeable pressure measurement system and permanent self-calibration. 2 0-10 V or 4-20 mA outputs, 4-wire technology, RS232 input / output for communication with one Class 200/300 transmitter and 4 RCR relays 6A / 230 Vac (relay configuration via software or remote control coming in option). Parameters configuration via software or remote control, coming in option. 24 Vdc/Vac power supply. Supplied with adjustment certificate. In option: RS485 Modbus output, ZI300 remote control, LCC-300 configuration software, and calibration certificate.

REF	TYPE	POWER SUPPLY	RCR RELAYS	RANGE	VP Cena (eur)
14,128	CPA-301	24 Vdc or Vac	4	- 100 à + 100 Pa	734
14,129	CPA-302			- 500 à + 500 Pa	734
14,130	CPA-303			- 1000 à + 1000 Pa	734
14,131	CPA-304			- 10 000 à + 10 000 Pa	734
14,772	CPA-301-HV	230 Vac	2	- 100 à + 100 Pa	762
14,773	CPA-302-HV			- 500 à + 500 Pa	762
14,774	CPA-303-HV			- 1000 à + 1000 Pa	762
14,775	CPA-304-HV			- 10 000 à + 10 000 Pa	762

Differential pressure transmitter .IP65 housing with large electro-luminescent display with 5-COLORED ZONES. Configurable range from - 100 to / + 100 Pa (minimum 0 to +/- 10 Pa) up to -1000 /+ 1000 mmH2O (minimum 0 to +/- 100 mmH2O). SPI interchangeable pressure measurement system and permanent self-calibration. 1 0-10 V or 4-20 mA output, 4-wire technology, 4 relays (24 V power supply) or 2 RCR relays 6A / 230 Vac (relay configuration via software or remote control, coming in option). Parameters configuration via remote control, coming in option. 24 Vdc/Vac or 230 Vac power supply. Supplied with adjustment certificate. In options: ZI300 remote control and calibration certificate.

REF	TYPE	POWER SUPPLY	RCR RELAYS	RANGE	VP Cena (eur)
22,205	CPA-ZC3	24 Vdc ou Vac	4	- 1000 à + 1000 Pa	756
22,206	CPA-ZC4			- 1000 à + 1000 mmH2O	756
22,207	CPA-ZC3-HV	230 Vac	2	- 1000 à + 1000 Pa	756
22,208	CPA-ZC4-HV			- 1000 à + 1000 mmH2O	756

POWER SUPPLY FOR CLASS 300 LARGE-DISPLAY PRESSURE TRANSMITTERS

14225	KI-AL-CPA	Class 2 stabilized power supply. 230 Vac input voltage. 24 Vcc output voltage , 250 mA intensity. Class 100 housing. For CPA 300 and THA 300 transmitters.	80
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ATMOSPHERIC PRESSURE TRANSMITTERS

CLASS 100 BAROMETRIC PRESSURE TRANSMITTERS

23447	CP100-ATO	Barometric pressure transmitter. ABS IP65 housing with 5-digit display . Range from 700 to 1100 mBar . 4-20 mA or 0-10 V output, 24 Vdc or 24 Vac power supply	244
23448	CP100-ATN	Barometric pressure transmitter. ABS IP65 housing. Range from 700 to 1100 mBar. 4-20 mA or 0-10 V output. 24 Vdc or 24 Vac power supply	183

CLASS 300 BAROMETRIC PRESSURE TRANSMITTERS

13949	HTP300-HOP	Barometric pressure display transmitter, relative humidity and temperature. ABS IP65 housing. STH-PS100 humidity probe. Range from 800 to 1100 mBar, 0 to 100 %RH and - 20 to + 120 °C. 2 0-10 V or 4-20 mA outputs, RS 232 output and RS 485 Modbus system. With backlight graphic display. 230 Vac, 50 / 60 HZ power supply.	700
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ACCESSORIES FOR PRESSURE TRANSMITTERS

DEBIMO BLADES

To be installed on site in air movement conditions, the DEBIMO blades can measure air velocity and airflow. Maximum working temperature 210°C.

REF	TYPE	DESIGNATION	VP Cena (eur)
11,637	Debimo 100	DEBIMO blade length 100mm. Supplied with 2m of clear tube and 2 JTC junctions.	50
11,639	Debimo 125	DEBIMO blade length 125mm. Supplied with 2m of clear tube and 2 JTC junctions.	52
11,262	Debimo 160	DEBIMO blade length 160mm. Supplied with 2m of clear tube and 2 JTC junctions.	56
11,202	Debimo 200	DEBIMO blade length 200mm. Supplied with 2m of clear tube and 2 JTC junctions.	58
11,203	Debimo 250	DEBIMO blade length 250mm. Supplied with 2m of clear tube and 2 JTC junctions.	62
16,560	Debimo 300	DEBIMO blade length 300mm. Supplied with 2m of clear tube and 2 JTC junctions.	64
11,244	Debimo 315	DEBIMO blade length 315mm. Supplied with 2m of clear tube and 2 JTC junctions.	64
11,640	Debimo 400	DEBIMO blade length 400mm. Supplied with 2m of clear tube and 2 JTC junctions.	73
11,566	Debimo 500	DEBIMO blade length 500mm. Supplied with 2m of clear tube and 2 JTC junctions.	77
16,562	Debimo 600	DEBIMO blade length 600mm. Supplied with 2m of clear tube and 2 JTC junctions.	79
11,641	Debimo 630	DEBIMO blade length 630mm. Supplied with 2m of clear tube and 2 JTC junctions.	79
11,618	Debimo 800	DEBIMO blade length 800mm. Supplied with 2m of clear tube and 2 JTC junctions.	95
11,567	Debimo 1000	DEBIMO blade length 1000mm. Supplied with 2m of clear tube and 2 JTC junctions.	103
11,605	Debimo 1500	DEBIMO blade length 1500mm. Supplied with 2m of clear tube and 2 JTC junctions.	128
11,609	Debimo 2000	DEBIMO blade length 2000mm. Supplied with 2m of clear tube and 2 JTC junctions.	153
14,068	Debimo 2500	DEBIMO blade length 2500mm. Supplied with 2m of clear tube and 2 JTC junctions.	190
14,069	Debimo 3000	DEBIMO blade length 3000mm. Supplied with 2m of clear tube and 2 JTC junctions. Maximum length.	225

For intermediate lengths, please consider the upper length price.

OPTION FOR AIRFLOW AND AIR VELOCITY CALCULATION

13,816	SQR/2	Square root extraction to calculate air velocity and airflow directly from pressure measurements. For CP200 and CP300 transmitters.	66
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RESOLUTION FOR PRESSURE TRANSMITTERS

20,547	FP1/10	0.1 Pa resolution function, for CP 301, CPA 301 and CPE 301 pressure transmitters	53
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INTERCHANGEABLE MEASURING SENSOR (SPI TECHNOLOGIE)

13,783	SPI-100	SPI Interchangeable board for Class 300 pressure transmitters, range 0-100 Pa.	106
13,784	SPI-500	SPI Interchangeable board for Class 300 pressure transmitters, range 0-500 Pa.	106
13,785	SPI-1000	SPI Interchangeable board for Class 300 pressure transmitters, range 0-1000 Pa.	106
13,786	SPI-10000	SPI Interchangeable board for Class 300 pressure transmitters, range 0-10 000 Pa.	106

CONNECTION TUBES

10,325	C-58-1	Clear tube Ø 5x8 lg 1m (60°C max)	1.0
10,321	C-58-25	Clear tube Ø 5x8 25m- roll. (60°C max)	15.6
14,207	C-58-50	Clear tube Ø 5x8 50m- roll. (60°C max)	38.0
15,088	SB-47-1	White silicone tube Ø 4x7 lg 1m (200°C max)	4.0
10,327	SN-47-1	Black silicone tube Ø 4x7 lg 1m (200°C max)	4.0
15,089	SB-47-25	White silicone tube Ø 4x7 25m-roll (200°C max)	88.2
12,761	SN-47-25	Black silicone tube Ø 4x7 25m-roll (200°C max)	88.2

PRESSURE CONNECTIONS

13,015	KR 447	Connection set including 2 connections n° DP 447 and 2m of clear tube	11.8
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11,438	KR 483	Connection set including 2 quick-connections n°483 and 2m of clear tube	6.6
10,388	DP 447	DP.447 connection for double-shell wall, max. thickness 35 mm.	5.8
11,090	DP 339	DP.447 connection for double-shell wall, max. thickness 80 mm.	8.6
10,222	483	483 quick-connection for wall without rear access.	6.5
10,221	482	Simple 482 connection with rear nut.	2.5
11,121	1998	Additional connection for PC 482, for wall-crossing.	4.5
	PC 482	PC482 cross-connection for wall-crossing, thickness:	
		PC 482 Lg 35 or PC 482 Lg 50 or PC 482 Lg 70	6.4
		PC 482 Lg 90 or Pc 482 Lg 110 or PC 482 Lg 130	9.0
		PC 482 Lg 150 or PC 482 Lg 170 or PC 482 Lg 190	9.3

JUNCTIONS AND CONNECTIONS

11,921	JDC	JDC 10-unit bag of straight connections, for diam. 5x8 mm clear tube.	9.0
11,923	JYC	Y junctions 10-unit bag, for Ø 5x8 clear tube.	13.8



HUMIDITY TRANSMITTERS

HYGROSTATS

Hygrostat model HST. Standard, duct or remote probe, with 2m cable. Ranges: 0 to 100 %RH and 0 to +50°C (standard model), -20 to +80°C (duct or remote probe). 1 RCR relay output 3A / 230 Vac. Relay configuration with push-button. 24Vdc/Vac power supply. 5-digit display. Standard ABS or IP65 housing. Optional: LCC-100 configuration software.

REF	TYPE	Mounting	VP Cena (eur)
		M.A.D (wall / duct / remote)	
13,329	HST-M	Wall (M)	178
13,330	HST-A	Duct (A)	184
13,331	HST-D	Remote (D)	192



CLASS 50 HUMIDITY WALL-MOUNT TRANSMITTERS

Relative humidity transmitter model HM50. Standard ABS housing. Range 0 to 100 %RH. 0-10 V output with 24 Vdc/Vac power supply (3-4 wires) or 4-20 mA output with 18 to 30 Vdc power supply (2 wires). Optional: LCC-100 configuration software.

REF	TYPE	Output	VP Cena (eur)
		A.V	
13,336	HM50-A	4-20 mA(A)	142
13,337	HM50-V	0-10V(V)	142



CLASS 100 HUMIDITY AND TEMPERATURE TRANSMITTERS

Relative humidity and temperature transmitter model TH100. Standard, duct or remote probe with 2m cable. Ranges 0 to 100%RH and 0/+50°C (configurable range, for standard probe) or -20/+80°C (configurable range, for duct and remote probe). 2 0-10 V outputs with 24 Vdc/Vac power supply (3-4 wires) or 2 4-20 mA outputs with 18 to 30 Vdc power supply (2 wires). With or without 5-digit display. ABS IP65 housing. Optional: LCC-100 configuration software.

REF	TYPE	Output / Power supply	Display	Mounting	VP Cena (eur)
		A.V	O.N	S.A.D	
13,360	TH100-AOS	4-20 mA (A) / Passive	Yes (O)	Standard (S)	220
13,361	TH100-AOA			Duct (A)	225
13,362	TH100-AOD			Remote (D)	230
13,363	TH100-ANS		No (N)	Standard	189
13,364	TH100-ANA			Duct	194
13,365	TH100-AND			Remote	200
13,366	TH100-VOS		Yes	Standard	221
13,367	TH100-VOA			Duct	225

13,368	TH100-VOD	0-10V (V) / Active	Remote	230	
13,369	TH100-VNS		No	Standard	193
13,370	TH100-VNA			Duct	194
13,371	TH100-VND			Remote	200



CLASS 200 HUMIDITY AND TEMPERATURE TRANSMITTERS - WITHOUT PROBE

Humidity and temperature transmitter model TH200. Configurable functions: relative and absolute humidity, dew point, wet and dry temperature, enthalpy. 2 4-20 mA or 0-10 V outputs, 4-wire technology, RS232 output, 2 RCR relays 6A / 230 Vac (for models without display, relay configuration via optional software). Configuration via keypad (for models with display) or via optional software (on all models). With or without alphanumeric 2-line backlit display. ABS IP65 housing. 24Vdc/Vac or 115 Vac or 230 Vac power supply. Optional: interchangeable humidity/temperature probes, LCC-300 configuration software.

REF	TYPE	Power supply B.M.H	Display N.O (no / yes)	VP Cena (eur)
13,428	TH200-BN	24 Vdc or Vac (B)	No (N)	300
13,429	TH200-BO		Yes (O)	352
13,430	TH200-MN	115 Vac (M)	No	324
13,431	TH200-MO		Yes	374
13,432	TH200-HN	230 Vac (H)	No	310
13,433	TH200-HO		Yes	360



CLASS 300 HUMIDITY AND TEMPERATURE TRANSMITTERS - WITHOUT PROBE

Humidity and temperature transmitter model TH300. Configurable functions: relative and absolute humidity, dew point, wet and dry temperature, enthalpy. 2 4-20 mA or 0-10 V outputs, 4-wire technology, RS232 input/output for connection to Class 200/300 transmitter. 2 RCR relays 6A / 230 Vac (for models without display, relay configuration via optional software). Configuration via keypad or optional remote control (for models with display) or via optional software (on all models). With or without digital backlit display. IP65 ALU or ABS housing. 24 Vdc/Vac or 115 Vac or 230 Vac power supply. Optional: interchangeable humidity/temperature probes, MODBUS RS485 output, ZI300 remote control, LCC-300 configuration software.

REF	TYPE	Housing P.A	Power supply B.M.H	Display N.O (no / yes)	VP Cena (eur)
13,542	TH300-PBN	ABS (P)	24 Vdc or Vac (B)	No (N)	310
13,543	TH300-PBO			Yes (O)	388
13,544	TH300-PMN		115 Vac (M)	No	332
13,545	TH300-PMO			Yes	410
13,546	TH300-PHN		230 Vac (H)	No	318
13,547	TH300-PHO			Yes	396
13,548	TH300-ABN	Alu (A)	24 Vdc or Vac	No	418
13,549	TH300-ABO			Yes	496
13,550	TH300-AMN		115 Vac	No	440
13,551	TH300-AMO			Yes	518
13,552	TH300-AHN		230 Vac	No	430
13,553	TH300-AHO			Yes	508



CLASS 300 TEMPERATURE AND HUMIDITY TRANSMITTERS WITH LARGE DISPLAY

Temperature and humidity transmitter. Configurable functions: relative and absolute humidity, dew point, wet and dry temperature, enthalpy. 2 analogue outputs 4-20 mA or 0-10 V, 4-wire technology, RS232 input/output for connection to a Class 200/300 transmitter. 4 relays (Power supply 24 Vdc/Vac) or 2 relays (Power supply 230 Vac). Parameters configuration via optional software or optional remote control. Large multi-directional and electroluminescent display. ABS IP65 housing. 24 Vdc / Vac or 230 Vac power supply. Supplied with adjusting certificate. Optional: MODBUS RS485 output, ZI300 remote control, LCC-300 configuration software.

REF	TYPE	POWER SUPPLY	RCR RELAYS	VP Cena (eur)
14,132	THA-300	24 Vdc or Vac	4 relays	450
14,776	THA-300-HV	230 Vac	2 relays	488

INTERCHANGEABLE HUMIDITY AND TEMPERATURE PROBES FOR CLASS 200/300 TRANSMITTERS

Interchangeable humidity and temperature probe model STH. Polycarbonate or stainless steel probe, with stainless steel filter. Standard probe length 100 mm or remote probe length 150 or 300 mm with 2m cable. Measuring range on polycarbonate probe: 0-100 %RH and -20/+ 120°C. Measuring range on stainless steel probe: 0-100 %RH and -40/+180°C. Optional: protection tips, filters.

REF	TYPE	Probe P.I	Mounting S.D	Length 100.150.300	VP Cena (eur)
13,434	STH-PS100	PC (P)	Standard (S)	100	106
13,435	STH-PD150		Remote (D)	150	130
13,436	STH-PD300			300	134
13,437	STH-IS100	ST. STEEL (I)	Standard	100	160
13,438	STH-ID150		Remote	150	214
13,439	STH-ID300			300	222



COMPLETE CLASS 200 HUMIDITY AND TEMPERATURE TRANSMITTERS (INCLUDING PROBE)

Humidity and temperature transmitter with interchangeable STH probe, model TH200. Polycarbonate or stainless steel probe with stainless steel filter. Standard probe length 100 mm or remote probe length 150 or 300 mm with 2m cable. Measuring range on polycarbonate probe: 0-100 %RH and -20/+120°C. Measuring range on stainless steel probe: 0-100 %RH and -40/+180°C. Configurable functions: relative and absolute humidity, dew point, wet and dry temperature, enthalpy. 2 4-20 mA or 0-10 V outputs, 4-wire technology, RS232 output, 2 RCR relays 6A / 230 Vac (for models without display, relay configuration via optional software. Configuration via keypad (for models with display) or optional software (on all models). 24Vdc/Vac or 115 Vac or 230 Vac power supply. With or without alphanumeric 2-line backlit display. ABS IP65 housing. Supplied with adjusting certificate. Optional: LCC-300 configuration software, protection tips, filters, calibration certificate.

REF	TYPE	Power supply B.M.H	Display N.O	Probe P.I	Mounting S.D	Length 100.150.300	VP Cena (eur)
13,440	TH200-BN/STH-PS100	24 Vdc or Vac (B)	No (N)	PC (P)	Standard (S)	100	404
13,441	TH200-BN/STH-PD150				Remote (D)	150	432
13,442	TH200-BN/STH-PD300					300	436
13,443	TH200-BN/STH-IS100			ST.STEEL (I)	Standard	100	460
13,444	TH200-BN/STH-ID150				Remote	150	516
13,445	TH200-BN/STH-ID300					300	522
13,446	TH200-BO/STH-PS100		Yes (O)	PC (P)	Standard	100	458
13,447	TH200-BO/STH-PD150				Remote	150	482
13,448	TH200-BO/STH-PD300					300	486
13,449	TH200-BO/STH-IS100			ST.STEEL (I)	Standard	100	514
13,450	TH200-BO/STH-ID150				Remote	150	566
13,451	TH200-BO/STH-ID300					300	574
13,452	TH200-MN/STH-PS100	115 Vac (M)	No (N)	PC (P)	Standard	100	430
13,453	TH200-MN/STH-PD150				Remote	150	454
13,454	TH200-MN/STH-PD300					300	458
13,455	TH200-MN/STH-IS100			ST.STEEL (I)	Standard	100	482
13,456	TH200-MN/STH-ID150				Remote	150	538
13,457	TH200-MN/STH-ID300					300	546
13,458	TH200-MO/STH-PS100		Yes (O)	PC (P)	Standard	100	480
13,459	TH200-MO/STH-PD150				Remote	150	508
13,460	TH200-MO/STH-PD300					300	510
13,461	TH200-MO/STH-IS100			ST.STEEL (I)	Standard	100	536
13,462	TH200-MO/STH-ID150				Remote	150	590
13,463	TH200-MO/STH-ID300					300	596
13,464	TH200-HN/STH-PS100	No (N)	PC (P)	Standard	100	416	
13,465	TH200-HN/STH-PD150			Remote	150	440	
13,466	TH200-HN/STH-PD300				300	444	
13,467	TH200-HN/STH-IS100		ST.STEEL (I)	Standard	100	472	
13,468	TH200-HN/STH-ID150			Remote	150	524	

13,469	TH200-HN/STH-ID300	230 Vac (H)	Yes (O)	PC (P)	Standard	300	532	
13,470	TH200-HO/STH-PS100					100	468	
13,471	TH200-HO/STH-PD150				Remote	150	494	
13,472	TH200-HO/STH-PD300					300	496	
13,473	TH200-HO/STH-IS100				ST.STEEL (I)	Standard	100	522
13,474	TH200-HO/STH-ID150					Remote	150	576
13,475	TH200-HO/STH-ID300					300	582	



COMPLETE CLASS 300 HUMIDITY AND TEMPERATURE TRANSMITTERS WITH ABS HOUSING

Humidity and temperature transmitter with interchangeable STH probe, model TH300. Polycarbonate or stainless steel probe, with stainless steel filter. Standard probe length 100 mm or remote probe length 150 or 300 mm with 2m cable. Measuring range on polycarbonate probe 0-100 %RH and -20/+120°C. Measuring range on stainless steel probe: 0-100 %RH and -40/+180°C. Configurable functions: relative and absolute humidity, dew point, wet and dry temperature, enthalpy. 2 4-20 mA or 0-10 V outputs, 4-wire technology, RS 232 input/output for connection to a Class 200/300 transmitter. 2 RCR relays 6A / 230 Vac (for models without display, relay configuration via optional software). Configuration via keypad or optional remote control (for models with display) or via optional software (on all models), With or without digital backlit display. ABS IP65 housing. 24 Vdc/Vac or 115 Vac or 230 Vac power supply. Supplied with adjusting certificate. Optional: MODBUS RS485, ZI300 remote control, LCC-300 configuration software, protection tips, filters, calibration certificate.

REF	TYPE	Housing ABS(P)	Power supply B.M.H	Display N.O	Porbe P.I	Mounting S.D	Length 100.150.300	VP Cena (eur)	
13,554	TH300-PBN/STH-PS100	ABS (P)	24 Vdc or Vac (B)	No (N)	PC (P)	Standard (S)	100	416	
13,555	TH300-PBN/STH-PD150					Remote (D)	150	440	
13,556	TH300-PBN/STH-PD300					300	444		
13,557	TH300-PBN/STH-IS100				ST. STEEL (I)	Standard	100	468	
13,558	TH300-PBN/STH-ID150					Remote	150	524	
13,559	TH300-PBN/STH-ID300					300	530		
13,560	TH300-PBO/STH-PS100			Yes (O)	115 Vac (M)	PC	Standard	100	494
13,561	TH300-PBO/STH-PD150						Remote	150	518
13,562	TH300-PBO/STH-PD300						300	522	
13,563	TH300-PBO/STH-IS100					ST.STEEL	Standard	100	546
13,564	TH300-PBO/STH-ID150						Remote	150	602
13,565	TH300-PBO/STH-ID300						300	608	
13,566	TH300-PMN/STH-PS100		No	230 Vac (H)		PC	Standard	100	438
13,567	TH300-PMN/STH-PD150						Remote	150	464
13,568	TH300-PMN/STH-PD300						300	466	
13,569	TH300-PMN/STH-IS100					ST.STEEL	Standard	100	494
13,570	TH300-PMN/STH-ID150						Remote	150	546
13,571	TH300-PMN/STH-ID300						300	554	
13,572	TH300-PMO/STH-PS100		Yes		230 Vac (H)	PC	Standard	100	516
13,573	TH300-PMO/STH-PD150						Remote	150	540
13,574	TH300-PMO/STH-PD300						300	544	
13,575	TH300-PMO/STH-IS100					ST.STEEL	Standard	100	572
13,576	TH300-PMO/STH-ID150						Remote	150	624
13,577	TH300-PMO/STH-ID300						300	632	
13,578	TH300-PHN/STH-PS100	No	230 Vac (H)	PC		Standard	100	424	
13,579	TH300-PHN/STH-PD150					Remote	150	450	
13,580	TH300-PHN/STH-PD300					300	452		
13,581	TH300-PHN/STH-IS100			ST.STEEL		Standard	100	480	
13,582	TH300-PHN/STH-ID150					Remote	150	532	
13,583	TH300-PHN/STH-ID300					300	540		
13,584	TH300-PHO/STH-PS100	Yes		230 Vac (H)	PC	Standard	100	502	
13,585	TH300-PHO/STH-PD150					Remote	150	526	
13,586	TH300-PHO/STH-PD300					300	530		
13,587	TH300-PHO/STH-IS100				ST.STEEL	Standard	100	558	
13,588	TH300-PHO/STH-ID150					Remote	150	610	

13,589	TH300-PHO/STH-ID300					300	618
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COMPLETE CLASS 300 HUMIDITY AND TEMPERATURE TRANSMITTERS WITH ALU HOUSING

Humidity and temperature transmitter with interchangeable STH probe, model TH300. Polycarbonate or stainless steel probe, with stainless steel filter. Standard probe length 100 mm or remote probe length 150 or 300 mm with 2m cable. Measuring range on polycarbonate probe: 0-100 %RH and -20/+120°C. Measuring range on stainless steel probe: 0-100 %RH and -40/+180°C. Configurable functions: relative and absolute humidity, dew point, wet and dry temperature, enthalpy. 2 4-20 mA or 0-10 V outputs, 4-wire technology, RS232 input/output for connection to Class 200/300 transmitter. 2 RCR relays 6A / 230 Vac (for models without display, relay configuration via optional software). Configuration via keypad or optional remote control (for models with display) or via optional software (on all models). With or without digital backlit display. ALU IP65 housing. 24 Vdc/Vac or 115 Vac or 230 Vac power supply. Supplied with adjusting certificate. Optional: MODBUS RS485 output, ZI300 remote control, LCC-300 configuration software, protection tips, filters, calibration certificate.

REF	TYPE	Housing ALU (A)	Power supply B.M.H	Display N.O	Probe P.I	Mounting S.D	Length 100.150.300	VP Cena (eur)	
13,590	TH300-ABN/STH-PS100	ALU (A)	24 Vdc or Vac (B)	No (N)	PC (P)	Standard (S)	100	472	
13,591	TH300-ABN/STH-PD150					Remote (D)	150	495	
13,592	TH300-ABN/STH-PD300						300	497	
13,593	TH300-ABN/STH-IS100				ST. STEEL (I)	Standard	100	522	
13,594	TH300-ABN/STH-ID150					Remote	150	569	
13,595	TH300-ABN/STH-ID300						300	576	
13,596	TH300-ABO/STH-PS100			Yes (O)	115 Vac (M)	PC	Standard	100	542
13,597	TH300-ABO/STH-PD150						Remote	150	563
13,598	TH300-ABO/STH-PD300							300	567
13,599	TH300-ABO/STH-IS100					ST. STEEL	Standard	100	592
13,600	TH300-ABO/STH-ID150						Remote	150	641
13,601	TH300-ABO/STH-ID300							300	646
13,602	TH300-AMN/STH-PS100		No	230 Vac (H)		PC	Standard	100	495
13,603	TH300-AMN/STH-PD150						Remote	150	517
13,604	TH300-AMN/STH-PD300							300	518
13,605	TH300-AMN/STH-IS100					ST. STEEL	Standard	100	542
13,606	TH300-AMN/STH-ID150						Remote	150	592
13,607	TH300-AMN/STH-ID300							300	596
13,608	TH300-AMO/STH-PS100		Yes		230 Vac (H)	PC	Standard	100	563
13,609	TH300-AMO/STH-PD150						Remote	150	587
13,610	TH300-AMO/STH-PD300							300	589
13,611	TH300-AMO/STH-IS100					ST. STEEL	Standard	100	612
13,612	TH300-AMO/STH-ID150						Remote	150	661
13,613	TH300-AMO/STH-ID300							300	666
13,614	TH300-AHN/STH-PS100		No	230 Vac (H)		PC	Standard	100	482
13,615	TH300-AHN/STH-PD150	Remote					150	504	
13,616	TH300-AHN/STH-PD300						300	506	
13,617	TH300-AHN/STH-IS100	ST. STEEL				Standard	100	529	
13,618	TH300-AHN/STH-ID150					Remote	150	580	
13,619	TH300-AHN/STH-ID300						300	587	
13,620	TH300-AHO/STH-PS100	Yes	230 Vac (H)		PC	Standard	100	551	
13,621	TH300-AHO/STH-PD150					Remote	150	574	
13,622	TH300-AHO/STH-PD300						300	576	
13,623	TH300-AHO/STH-IS100				ST. STEEL	Standard	100	599	
13,624	TH300-AHO/STH-ID150					Remote	150	650	
13,625	TH300-AHO/STH-ID300						300	657	



CLASS 300 TEMPERATURE AND HUMIDITY TRANSMITTERS WITH LARGE DISPLAY WITH PROBES



Temperature and humidity transmitter supplied with interchangeable probe. Probe made of Polycarbonate or stainless steel with st. steel filter. Standard probe length 100mm or remote probe length 150mm or 300 mm with 2m cable. Measuring range for Polycarbonate probe: 0 to 100 %RH and - 20 to + 120 °C. Measuring range for st. steel probe: 0 to 100 %RH and - 40 to + 180 °C. Configurable functions: relative and absolute humidity, dew point, wet and dry temperature, enthalpy. 2 analogue outputs 4-20 mA or 0-10 V, 4-wire technology, RS232 input/output for connection to a Class 200/300 transmitter. 4 (230 Vac) or 2 (24 Vac or Vdc) RCR relays. Parameters configuration via optional software or optional remote control. Large multi-directional and electroluminescent display. ABS IP65 housing. 24 Vdc / Vac or 230 Vac power supply. Supplied with adjusting certificate. Optional: MODBUS RS485 output, ZI300 remote control, LCC-300 configuration software, protection tips, filters, calibration certificate.

REF	TYPE	Power supply / relays	Probe	Mounting	Length	VP Cena (eur)
14,133	THA300-STH-PS100	24 Vdc ou Vac / 4 relais	PC (P)	Standard (S)	100	607
14,134	THA300-STH-PD150			Déporté (D)	150	628
14,135	THA300-STH-PD300				300	634
14,136	THA300-STH-IS100		Inox (I)	Standard (S)	100	653
14,137	THA300-STH-ID150			Déporté (D)	150	706
14,138	THA300-STH-ID300				300	715
14,777	THA300-STH-PS100-HV	230 Vac / 2 relais	PC (P)	Standard (S)	100	628
14,778	THA300-STH-PD150-HV			Déporté (D)	150	646
14,779	THA300-STH-PD300-HV				300	646
14,780	THA300-STH-IS100-HV		Inox (I)	Standard (S)	100	671
14,781	THA300-STH-ID150-HV			Déporté (D)	150	722
14,782	THA300-STH-ID300-HV				300	722

OPTIONS AND ACCESSORIES FOR HUMIDITY TRANSMITTERS

ADDITIONAL CABLE FOR REMOTE PROBE OF TH100 & HST TRANSMITTERS

14,254	C-TH-5	Additional cable for remote probe of TH100, HST transmitters, total cable length 5m.	11.0
14,375	C-TH-10	Additional cable for remote probe of TH100, HST transmitters, total cable length 10m.	26.5

ADDITIONAL CABLE FOR ABS REMOTE PROBE OF TH200/300 TRANSMITTERS

14,376	C-THA-5	Additional cable for ABS remote probe of TH200/300 transmitters, total cable length 5m.	16.6
14,958	C-THA-10	Additional cable for ABS remote probe of TH200/300 transmitters, total cable length 10m.	40.0
16,692	C-THA-15	Additional cable for ABS remote probe of TH200/300 transmitters, total cable length 15m.	48.1

ADDITIONAL CABLE FOR STAINLESS STEEL REMOTE PROBE OF TH200/300 TRANSMITTERS

14,959	C-THI-5	Additional cable for stainless steel remote probe of TH200/300, total cable length 5m.	23.9
14,960	C-THI-10	Additional cable for stainless steel remote probe of TH200/300, total cable length 10m.	52.7
16,693	C-THI-15	Additional cable for stainless steel remote probe of TH200/300, total cable length 15m.	69.7

ACCESSORIES FOR HUMIDITY PROBES

SLIDING CONNECTION AND MOUNTING CLAMP FOR TH100/200/300

13,788	KI-RCCT-13/12	St. Steel sliding connection, cylindrical 1/2 gaz with teflon ferrule, for probe Ø13 mm.	58
13,790	KI-DIN/RCCT-13/12	St. Steel thread mounting clamp, as per DIN 2566 with sliding connection cylindrical 1/2 gaz with Teflon ferrule, for probe Ø13 mm.	109.80
18,401	BFP-13	Plastic mounting clamp with connection gland for probe Ø13 mm.	16.20
15,747	BF-13	St. Steel mounting clamp pour hotwire probe Ø13 mm.	16.00
13,795	SFM-13	Wall fixing support made of translucent polycarbonate for probe Ø13 mm.	6.40

PROTECTIVE TIPS FOR HYGROMETRY PROBES

13,799	EPP2	PC protection tip with 25µ stainless steel filter for humidity probe Ø13 mm from Class 50/100/200/300 transmitters.	12
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13,800	EPI25	Stainless steel protection tip with 25µ stainless steel filter for humidity probe Ø13 mm from Class 200/300.	26
13,801	EPI100	Stainless steel protection tip with 100µ stainless steel filter for humidity probe Ø13 mm from Class 200/300.	26
13,797	EPFI	Stainless steel 10µ sintered protection tip for humidity probe Ø13 mm from Class 200/300.	12
13,798	EPFT	PTFE 50µ sintered protection tip for humidity probe Ø13 mm from Class 200/300.	64
13,804	CPH	10-unit bag of airtight protection caps for STH humidity probe Ø13 mm.	12

WEATHER PROTECTIVE SHIELD

13,805	PEM12-13	Weather protective shield for humidity probe Ø13 mm. 12 rings shield is suitable for protection of sensors used in meteorology against sun radiation, rain and wind.	281
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SATURATED SALT SOLUTIONS

15,644	KSH-11	Saturated salt solution at 11% RH. Dedicated to check-up of diam.13 mm humidity probes	137
15,645	KSH-44	Saturated salt solution at 44% RH. Dedicated to check-up of diam.13 mm humidity probes	137
15,646	KSH-85	Saturated salt solution at 85% RH. Dedicated to check-up of diam.13 mm humidity probes	137

TEMPERATURE TRANSMITTERS



THERMOSTATS

Thermostat model TST. Ambient or airtight probe or PT100 terminal block input. Range 0 to 50°C (for ambient and airtight models) or -50 to 400°C (for PT100 terminal block models). 1 RCR relay 3A / 230 Vac. Configuration with push-button. 5-digit display. Ambient ABS or IP65 housing. 24Vdc/Vac power supply. Optional: LCC-100 configuration software.

REF	TYPE	Probe M.E.B	VP Cena (eur)
13,332	TST-M	Wall (M)	130
13,333	TST-E	Airtight (E)	136
13,334	TST-B	Terminal block (B)	120



CLASS 50 WALL-MOUNT TEMPERATURE TRANSMITTERS

Temperature transmitter model TM50. Ambient ABS or IP65 housing. 3-wire PT100 output. TM50-B : 3-wire PT100 input.

REF	TYPE	Housing A.E	VP Cena (eur)
13,338	TM50-A	Ambient (A)	24
13,836	TM50-B	Terminal block (B)	27
22,522	TM50-C	Contact (C)	32
13,339	TM50-E	Airtight (E)	43
14,302	TM50-G	Duct mounted (G)	50



CLASS 100 AMBIENT TEMPERATURE TRANSMITTERS

Temperature transmitter model TM100. Range 0 to 50 °C (configurable range). 0-10 V output with 24 Vdc/Vac power supply (3-4 wires) or 4-20 mA output with 18 to 30 Vdc power supply (2 wires). With or without 5-digit display. Ambient ABS or IP65 housing. Optional: LCC-100 configuration software.

REF	TYPE	Output / Power supply A.V	Display O.N	Housing A.E	VP Cena (eur)
13,372	TM100-AOA	4-20 mA (A) / Passive	Yes (O)	Ambient (A)	136
13,373	TM100-AOE			Airtight (E)	156
13,374	TM100-ANA		No (N)	Ambient	110
13,375	TM100-ANE			Airtight	128

13,376	TM100-VOA	0-10V (V) / Active	Yes	Ambient	138
13,377	TM100-VOE			Airtight	85
13,378	TM100-VNA		No	Ambient	110
13,379	TM100-VNE			Airtight	128

CLASS 100 DUCT-MOUNT TEMPERATURE TRANSMITTERS

Duct-mount temperature transmitter model TG100. Duct mount probe with stainless steel filter or 3-wire PT100 terminal block input. Range -20 to 80 °C (configurable range, on duct-mount model) or -50 to +400°C (configurable range, on terminal block models). 0-10 V output with 24 Vdc/Vac power supply (3-4 wires), or 4-20 mA output with 18 to 30 Vdc power supply (2 wires). With or without 5-digit display. ABS IP65 housing. Optional: 3-wire PT100 probe, LCC-100 configuration software.

REF	TYPE	Output / Power supply A.V	Display O.N	Mounting A.B	VP Cena (eur)
13,380	TG100-AOA	4-20 mA (A) / Passive	Yes (O)	Duct (A)	138
13,381	TG100-AOB			Terminal block (B)	124
13,382	TG100-ANA		No (N)	Duct	114
13,383	TG100-ANB			Terminal block	100
13,384	TG100-VOA	0-10V (V) / Active	Yes	Duct	138
13,385	TG100-VOB			Terminal block	124
13,386	TG100-VNA		No	Duct	114
13,387	TG100-VNB			Terminal block	100



HOTWIRE VELOCITY TRANSMITTERS

CLASS 100 - AIR VELOCITY AND TEMPERATURE TRANSMITTERS

CTV100 air velocity and temperature transmitter. Hotwire probe length 150mm or 300mm, duct mount or remote, with 2m cable. Measuring ranges: 0 to 30 m/s and 0 to 50°C (minimum range: 0-3 m/s). 2 outputs 0-10 V or 4-20 mA with 24Vdc or 24Vca power supply. (3-4 wires). With or without 5-digit display. IP65 ABS housing. Coming in option: LCC-100 configuration software.

REF	TYPE	OUTPUT	DISPLAY	MOUNTING	LENGTH 150.300	VP Cena (eur)
13,388	CTV100-ANA150	4-20 mA (A) / Actif	No	Duct	150	196
13,389	CTV100-ANA300				300	198
13,390	CTV100-AND150			Remote	150	202
13,391	CTV100-AND300				300	205
13,392	CTV100-AOA150		Yes	Duct	150	222
13,393	CTV100-AOA300				300	227
13,394	CTV100-AOD150			Remote	150	229
13,395	CTV100-AOD300				300	231
13,396	CTV100-VNA150	0-10V (V) / Actif	No	Duct	150	191
13,397	CTV100-VNA300				300	191
13,398	CTV100-VND150			Remote	150	198
13,399	CTV100-VND300				300	198
13,400	CTV100-VOA150		Yes	Duct	150	220
13,401	CTV100-VOA300				300	220
13,402	CTV100-VOD150			Remote	150	227
13,403	CTV100-VOD300				300	227

ADDITIONAL CABLE LENGTH ON CTV100

REF	TYPE	DESCRIPTION	VP Cena (eur)
14,254	C-TH-5	Additional cable for remote probe of CTV100 transmitters, total cable length 5m.	11.0
14,375	C-TH-10	Additional cable for remote probe of CTV100 transmitters, total cable length 10m.	27.8



CLASS 210 - HOTWIRE AIR VELOCITY AND TEMPERATURE TRANSMITTERS



CTV 210 air velocity and temperature transmitters. Measuring ranges: 0 to + 30 m/s and 0 to + 50 °C (minimum range: 0 to 1m/s). Stainless steel howtire interchangeable probe, length 150mm or 300 mm, with 2m cable, 2 outputs 0-10 V or 4-20 mA, 4-wire technology, RS 232 digital output, and 2 RCR relay 6A/230 Vac (on models without display, configuration of relay can be done with software, coming in option). Configuration of parameters via keypad (on models with display) and via software in option (on all models). With or without backlit alphanumeric 2-line display. IP65 ABS housing. Power supply: 24 Vdc/Vac or 115 Vac or 230 Vac. Supplied with adjustment certificate. Coming in option: LCC-300 configuration software, calibration certificate.

REF	TYPE	POWER SUPPLY	DISPLAY	LENGTH	VP Cena (eur)
22,416	CTV210-BN150	24 Vdc ou Vac (B)	NO	150 mm	380
22,417	CTV210-BN300			300 mm	380
22,418	CTV210-BO150		YES	150 mm	428
22,419	CTV210-BO300			300 mm	428
22,420	CTV210-MN150	115 Vac (M)	NO	150 mm	400
22,421	CTV210-MN300			300 mm	400
22,422	CTV210-MO150		YES	150 mm	448
22,423	CTV210-MO300			300 mm	448
22,424	CTV210-HN150	230 Vac (H)	NO	150 mm	388
22,425	CTV210-HN300			300 mm	388
22,426	CTV210-HO150		YES	150 mm	436
22,427	CTV210-HO300			300 mm	436

CLASS 210 - AIR VELOCITY AND TEMPERATURE TRANSMITTERS - WITHOUT PROBE

CTV210 air velocity and temperature transmitter without probe. Measuring ranges: 0 to + 30 m/s and 0 to + 50 °C (minimum range: 0 to 1m/s). 2 outputs 0-10 V or 4-20 mA, 4-wire technology, RS232 digital output and 2 RCR relay 6A/230 Vac (on models without display, configuration can be done with software coming in option). Configuration of parameters via keypad (on models with display) or via software coming in option (on all models). With or without backlit alphanumeric 2-line display. IP65 ABS housing. Power supply: 24 Vdc/Vac or 230 Vac. Supplied with adjustment certificate. Coming in option: LCC-300 configuration software, calibration certificate.

REF	TYPE	POWER SUPPLY	DISPLAY	VP Cena (eur)
22,825	CTV210-BN	24 Vdc ou Vac (B)	NO	230
22,826	CTV210-BO		YES	282
22,827	CTV210-HN	230 Vac (H)	NO	240
22,828	CTV210-HO		YES	288



CLASS 310 - AIR VELOCITY AND TEMPERATURE TRANSMITTERS - ABS HOUSING

CTV310 air velocity and temperature transmitter. Measuring ranges: 0 to + 30 m/s and 0 to + 50 °C (minimum range: 0 to 1m/s). Stainless steel hotwire interchangeable remote probe, length 150mm or 300 mm, with 2m cable, 2 outputs 0-10 V or 4-20 mA, 4-wire technology, RS232 digital input/output for connection with one Class 200/300 transmitter, 2 RCR relay 6A / 230 Vac (on models without display, configuration can be done with software coming in option). Configuration of parameters via keypad (on models with display) or via software coming in option (on all models). Power supply: 24 Vdc/Vac or 115 Vac or 230 Vac. With or without backlit alphanumeric 2-line display. IP65 ABS or ALU housing. Supplied with adjustment certificate. Coming in option: RS 485 MODBUS system, ZI 300 remote control, LCC-300

REF	TYPE	POWER SUPPLY	DISPLAY	LENGTH	VP Cena (eur)
22,428	CTV310-PBN150	24 Vdc ou Vac (B)	NO	150 mm	437
22,430	CTV310-PBN300			300 mm	437
22,429	CTV310-PBO150		YES	150 mm	486
22,431	CTV310-PBO300			300 mm	486
22,432	CTV310-PMN150	115 Vac (M)	NO	150 mm	458
22,433	CTV310-PMN300			300 mm	458
22,434	CTV310-PMO150		YES	150 mm	507
22,435	CTV310-PMO300			300 mm	507
22,436	CTV310-PHN150	230 Vac (H)	NO	150 mm	445
22,437	CTV310-PHN300			300 mm	445
22,438	CTV310-PHO150		YES	150 mm	493
22,439	CTV310-PHO300			300 mm	493

CLASS 310 - AIR VELOCITY AND TEMPERATURE TRANSMITTERS - ALU HOUSING

REF	TYPE	POWER SUPPLY	DISPLAY	LENGTH	VP Cena (eur)
22440	CTV310-ABN150	24 Vdc ou Vac (B)	NO	150 mm	547
22441	CTV310-ABN300			300 mm	547

22442	CTV310-ABO150	24 Vdc ou Vac (B)	YES	150 mm	597
22443	CTV310-ABO300			300 mm	597
22444	CTV310-AMN150	115 Vac (M)	NO	150 mm	568
22445	CTV310-AMN300			300 mm	568
22446	CTV310-AMO150		YES	150 mm	618
22447	CTV310-AMO300		300 mm	618	
22448	CTV310-AHN150	230 Vac (H)	NO	150 mm	555
22449	CTV310-AHN300			300 mm	555
22450	CTV310-AHO150		YES	150 mm	605
22451	CTV310-AHO300		300 mm	605	

CLASS 310 - AIR VELOCITY AND TEMPERATURE TRANSMITTERS - WITHOUT PROBE

CTV310 air velocity and temperature transmitter without probe. Measuring ranges: 0 to + 30 m/s and 0 to + 50 °C (minimum range: 0 to 1m/s). 2 outputs 0-10 V or 4-20 mA, 4-wire technology, RS232 digital input/output for connection with one Class 200/300 transmitter, 2 RCR relay 6A / 230 Vac (on models without display, configuration via software coming in option). Configuration of parameters via keypad or remote control coming in option (on models with display) or via software (on all models). Power supply: 24 Vdc/Vac or 230 Vac. With or without backlit display. IP65 ABS or ALU housing. Supplied with adjustment certificate. Coming in option: air velocity and temperature probes, RS485 MODBUS system, ZI 300 remote control, LCC-300 configuration software and calibration certificate.

REF	TYPE	HOUSING	POWER SUPPLY	DISPLAY	VP Cena (eur)
22,829	CTV310-PBN	ABS	24 Vdc ou Vac (B)	NO	304
22,830	CTV310-PBO			YES	360
22,831	CTV310-PHN		230 Vac (H)	NO	315
22,832	CTV310-PHO			YES	369
22,833	CTV310-ABN	ALUminium	24 Vdc ou Vac (B)	NO	405
22,834	CTV310-ABO			YES	459
22,835	CTV310-AHN		230 Vac (H)	NO	414
22,836	CTV310-AHO			YES	470

OVER COST FOR ADDITIONAL CABLE LENGTH ON CTV210 / CTV310

REF	TYPE	DESCRIPTION	VP Cena (eur)
14,959	C-THI-5	Additional cable for stainless steel remote probe of CTV210/310, total cable length 5m.	24
14,960	C-THI-10	Additional cable for stainless steel remote probe of CTV210/310, total cable length 10m.	52

HOTWIRE PROBES - FOR CTV210 / CTV310

REF	TYPE	DESCRIPTION	VP Cena (eur)
22,452	STV-150	Stainless steel interchangeable remote probe, length 150mm, measuring range 0 to 30 m/s and 0 to 50 °C, with 2m cable	165
22,453	STV-300	Stainless steel interchangeable remote probe, length 300mm, measuring range 0 to 30 m/s and 0 to 50 °C, with 2m cable	165
22,866	STV-OMNI	STV-OMNI: omnidirectional telescopic probe, for air velocity - Temperature - (0,00 to 5 m/s, 0 to 50 °C). Resolution 0,01 m/s on all the range. Supplied with tripod, aluminium transport case and adjusting certificate. For CTV210 and 310.	797

MOUNTING ACCESSORIES FOR CTV 100

REF	TYPE	DESCRIPTION	VP Cena (eur)
15,747	BF-13	BF-13 stainless steel mounting clamp for hotwire probe diam.13mm	18
18,401	BFP-13	KI-BFP-13 mounting clamp made of PETP, with compression gland, for probe diameter 13mm.	22
13,788	KI-RCCT-13/12	KI-RCCT-13/12: Stainless steel cylindrical 1/2 gas sliding connection, with Teflon ferrule, for probe diam. 13mm	58
13,790	KI-DIN/RCCT-13/12	KI-DIN/RCCT-13/12 stainless steel threaded clamp as per DIN 2566. With cylindrical 1/2 gas sliding connector, Teflon ferrule. For probe diam. 13mm.	110

MOUNTING ACCESSORIES FOR CTV210 / CTV310

REF	TYPE	DESCRIPTION	VP Cena (eur)
15,532	BF-8	BF-8 stainless steel mounting bracket. For probes diameter 8mm.	10

15,266	RCT-8/12	RCT-8/12 stainless steel cylindrical 1/2 sliding connection, with Teflon ferrule. For hotwire probe diameter 8mm.	29
13,812	KI-DIN/RCTFC-8/12	KI-DIN-RCTFC-8/12 stainless steel threaded clamp as per DIN 2566. With cylindrical 1/2 gas sliding connector, Teflon ferrule. For hotwire probe diam. 8mm.	95

CONFIGURATION ACCESSORIES

REF	TYPE	DESCRIPTION	VP Cena (eur)
13819	LCC-100	Configuration software for CLASS 100 . Supplied with RS 232 cable	160
13820	LCC-300	Configuration software for CLASS 200 . Supplied with user manual and RS 232 cable	192
13304	KT-USB	RS232 / USB (DB25 or DB9) adaptor for XP Windows. Supplied with driver on CD-ROM	66

RS485 MODBUS COMMUNICATION SYSTEM

REF	TYPE	DESCRIPTION	VP Cena (eur)
13817	RS4	RS-4: MODBUS protokole, RS 485 output. For CLASS 300	86

DIGITAL DISPLAYS

13,848	ATT-300	ATT-300 multi-directional large display. ABS IP65 housing. Dimensions 240x120x60 mm. 3 4-20mA or 0-10 V inputs, 1 RS 232 input and 1 MODBUS input/output. 24 Vdc/Vac power supply.	532
14,797	ATT-300-HV		557

13,849	ATE-300-I	ATE-300-I brushed stainless steel flush-mount display. 3 4-20 mA or 0-10 V inputs, 1 RS232 input and 1 MODBUS input/output. 24 Vdc/Vac power supply.	468
13,850	ATE-300-B	ATE-300-B white lacquered flush-mount display. 3 4-20 mA or 0-10 V inputs, 1 RS232 input and 1 MODBUS input/output. 24 Vdc/Vac power supply.	468

ACCESSORIES AND OPTIONS COMMON TO ALL TRANSMITTERS

ALTERNATING CURRENT POWER SUPPLY

12,964	KI-AL-100 A	Class 2 power supply. Mounting with integrated brackets. Input voltage: 230 Vac, output voltage: 24 Vac, 100 mA intensity. For manostats and Class 50/100 transmitters.	16
12,132	KI-AL-500 A	Class 2 power supply. DIN rail mounting. Input voltage: 230 Vac. Output voltage: 24 Vac. 400 mA intensity.	76

DIRECT CURRENT POWER SUPPLY

14,063	KI-AL-100 C	Class 2 regulated power supply. Input voltage: 230 Vac. Output voltage: 24 Vdc. 100 mA intensity.	52
12,133	KI-AL-500 C	Class 2 regulated power supply. DIN rail mounting. Input voltage: 230 Vac. Output voltage: 24 Vdc. 400 mA intensity.	99

CONFIGURATION ACCESSORIES

13,818	ZI 300	Infrared remote control for configuration of Class 300 transmitters.	70
13,819	LCC-100	LCC-100 configuration software for manostats and Class 50/100 transmitters. Supplied with user manual and RS232 connection cable.	160
13,820	LCC-300	LCC-300 configuration software for Class 200/300 transmitters. Supplied with user manual and RS232 connection cable.	192
13,304	KT-USB	KT-USB adaptor USB / RS232 (DB25 or DB9) for Windows XP. Supplied with driver on CD-ROM and user manual.	66

MODBUS RS485 SYSTEM

13,817	RS4	RS485-system output. MODBUS for Class 300 transmitters.	86
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RS232 CABLE FOR CONNECTING TRANSMITTERS TOGETHER

13,821	CRS-2	2m cable with 15-pin connector, for connecting Class 200/300 transmitters together.	30
13,822	CRS-5	Same as above, 5m cable	38
13,823	CRS-10	Same as above, 10m cable. Maximum length.	50

RS232 / RS 485 CABLES FOR CONNECTING TRANSMITTERS TO FLUSH-MOUNT TRANSMITTERS

13,961	CLE-2	2m RS232/RS485 input/output cable, with 2-point terminal block for RS485. For connecting Class 200/300 transmitters to flush-mount transmitters (ATE and CPE 300).	30
13,962	CLE-5	Same as above, 5m cable.	38
13,963	CLE-10	Same as above, 10m cable. Maximum length.	50
13,964	CSE	SUB-D connector with 10cm cable and 2-point terminal block for RS485 connection. For ATE and CPE 300 flush-mount housings.	18

MOUNTING ACCESSORIES

13,824	PF-100	ABS wall-mount plate for manostats and Class 50/100 transmitters.	10
13,825	PF-300	Stainless steel wall-mount plate for Class 200/300 transmitters.	15



DATA ACQUISITION SYSTEM

ACQUISITION MODULES

REF	TYPE	DESCRIPTION	VP Cena (eur)
15,203	MD 100	Acquisition module with 8 analogue inputs 4-20 mA or 0-10 V + RS 485 MODBUS protocole, RS 485 MODBUS protocole output. Power supply 10-30 Vdc (127-Ohm shunts shall be available for 4-20 mA inputs: please refer to PS120). Supplied with wall-mounting system and with DIN rail fixing system	515
15,204	MD 120	Acquisition module with 6 Pt 100 or Pt 1000 inputs + RS 485 MODBUS protocole, RS 485 MODBUS protocole output. Power supply 10-30 Vdc Supplied with wall-mount system and DIN rail fixing system.	620
15,205	MD 140	Acquisition module with 6 NTC thermistance inputs + RS 485 MODBUS protocole, RS 485 MODBUS protocole output. Power supply 10-30 Vdc Supplied with wall-mounting system and with DIN rail fixing system.	609
15,206	MD 160	Acquisition module with 8 Thermocouple K, J or T inputs + RS 485 MODBUS protocole, RS 485 MODBUS protocole output. Power supply 10-30 Vdc. Supplied with wall-mounting system and with DIN rail fixing system.	599
15,207	MR 100	Acquisition module with RS 485 MODBUS protocole input, 8 RCR relay output. Power supply 10-30 Vdc. Supplied with wall-mounting system and with DIN rail fixing system.	368
17,284	MD 180	Acquisition module with 8 TOR input, 24 V input. 2500 V isolating. Power supply 10-30 Vdc. Supplied with wall-mounting system and with DIN rail fixing system.	467

21,689	MD 190	Acquisition module with 7-input pulse counter . 3kHz input counter (32 bits + 1 overrange bit). 30V maximum input 3000 V insulation. 10-30 Vdc power supply. Supplied with wall-mounting system and with DIN rail fixing system.	467
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COMMUNICATION MODULES

15,210	MC 120	Converter module, RS 485 MODBUS protocole / RADIO connection over 1500m in free field. 2-unit minimum order	751
15,211	MC 100	Converter module, RS 485 MODBUS protocole / ETHERNET . Supplied with power adapter, 1 RJ 45 2m cable, and configuration software. 2-unit minimum order	971
15,212	MM 100	Repeater module, RS 485 MODBUS protocole, to reach 1200m network extension	273

SOFTWARES AND CONNECTION MODULES

15,213	AKIVISION	Pack of 2 softwares for Windows XP, including: 1 software for configuration, data acquisition and data display in real time (maximum of 255 MODBUS addresses) and 1 data processing software	1,056
15,214	AKIVISION-E	Software for Windows XP: for display and data processing on additional PC	340
15,215	ML 120	Connection module for PC. USB / RS 485 MODBUS protocole. 1200m maximum length. Supplied with USB cable, wall-mounting fixing and DIN rail fixing system	274
15,216	ML 100	Connection module for PC. RS 232 / RS 485 MODBUS protocole. Power supply 10-30 Vdc. Supplied with wall mounting system and DIN rail fixing system.	180

TEMPERATURE CONVERTERS

UNDER-HEAD MOUNTING TEMPERATURE CONVERTERS

21,880	CO-P	CO-P Pt100 temperature converter for mounting under head. Pt100 input, 4-20 mA output. 7 to 30 Vdc power supply. Configuration with push-button or with LCC100 software (software coming as an option) Measuring range in temperature shall be confirmed on order.	68
22,485	CO-T	Converter of temperature for mounting under head type CO-T. Thermocouple input K, J, T, N, output 4-20 mA. Power supply: 7 to 30 Vdc. Configurable maxi scale : type K: - 200 °C + 1300 °C, Type J: - 100 °C + 750 °C, Type T: - 200 °C + 400 °C, Type N: - 200 °C + 1300 °C. Configuration of the scale by button or software (optional LCC-101). Working range of temperature: (to BE DEFINED)	93

RAIL-DIN MOUNTING TEMPERATURE CONVERTERS

22,484	CORD-P	Rail-din mounting temperature converter. PT100 input, 4-20 mA output. 7 to 30 Vdc power supply. Maximum configurable range: - 200 °C + 850 °C. Configuration de l'échelle par bouton poussoir ou logiciel (LCC-101 en option). Echelle de température : (A DEFINIR).	82
22,486	CORD-T	Rail-din temperature converter. Thermocouple K, J, T, N input, 4-20 mA output. 9 to 30 Vdc power supply. Maximum configurable range: Type K - 200 °C + 1300 °C, Type J - 100 °C + 750 °C, Type T: - 200 °C + 400 °C, Type N - 200 °C + 1300 °C. Configuration by push-button or by optional LCC101 software Temperature range to be confirmed on order.	99

22,293	LCC-101	LCC-101 configuration software, for CO-P Pt100 temperature transmitter. Software coming in a CD, supplied with connection cable user manual.	155
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